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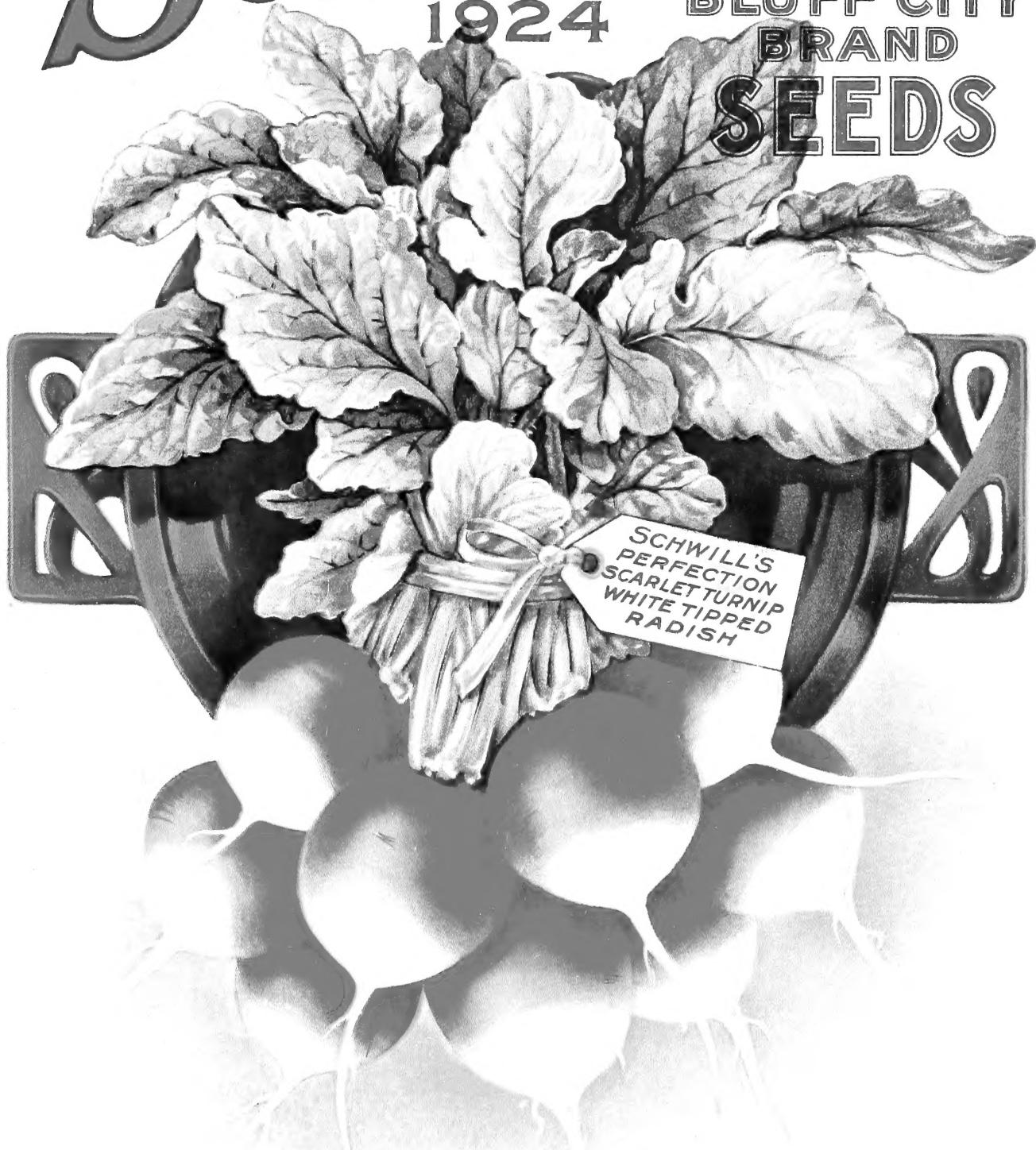


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FIFTY-FIFTH ANNUAL CATALOG

# SCHWILL'S

1924 BLUFF CITY  
BRAND  
SEEDS



OTTO SCHWILL & CO.,  
MEMPHIS, TENN.  
SOUTH'S OLDEST SEED HOUSE.

# SCHWILL'S SURE SEEDS

## **GENERAL INFORMATION AND SUGGESTIONS TO CUSTOMERS**

## PRICES

**PRICES**  
The Prices We Quote on Vegetable Seeds will hold good as long as stocks last. The prices on Grass Seeds, Grains and all Farm Seeds are those ruling January 1, 1924, and are subject to changes. As far as possible we will fill in full all orders for Seeds that are quoted subject to variation in price, but if market value will not permit this, we will send all that money remitted will pay for.

**Notice Carefully the Prices.** Be sure to know whether we or you are to pay the carrying charges, and bear in mind that we do not pay the express or freight charges on pecks or bushels, nor on any Tools, Bulbs, Grass Seeds, Field Seeds or Fertilizers, except where we so state on the pages where the goods are priced.

**POSTAGE**

We Pay Postage on all Seeds quoted by the package, ounce, quarter-pound and pound, and upon all goods quoted in our catalog where it says parcel post paid.

## MARKET GARDENERS

**MARKEt GARDENERS**  
And Those Using Large Quantities of Seed should send us a list of their requirements. Prices will be furnished promptly, and we can frequently make a substantial reduction on large orders.

ERRORS

**EDITORS**  
While We Exercise the Greatest Care in filling orders, endeavoring to do a little more than we offer, yet in the press of business errors will sometimes be made, in which event we wish to be promptly notified of the fact and will make such corrections as will be entirely satisfactory. Customers should be very clear and explicit in making out all orders, which will help us to avoid errors we so much dislike to make. Please keep copies of all orders for comparison.

## PLANTS, BULBS AND NURSERY

**When Ordered with Seeds** the seeds are sent at once, while the other items mentioned above are sent later, or as soon as is possible to do so.

**CASH WITH ORDER**

**Please Send Money With the Order** sufficient to cover the whole bill, and remit by express money order or registered letter. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We decline sending goods "Collect On Delivery" unless remittances be made on account to guaranteed acceptance. Our terms are cash; we do not open any accounts.

#### **NON-WARRANTY**

**Most of the Failures With Seeds, Plants and Bulbs** are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or shallow planting, etc., which renders it impossible for us to guarantee success, and, although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we will give no warranty as to description, quality or productiveness of any of the Seeds, Plants or Bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalog will be executed on these conditions only. If they are not accepted on these conditions, they must be returned at once. It must, however, be plain to every one who gives the matter the slightest thought, that it is to our best interest to send out only such stock as will not only grow, but prove true to name and description.

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# OTTO SCHWILL & CO. MEMPHIS, TENNESSEE

Date \_\_\_\_\_

**AMOUNT ENCLOSED**

Postal Money Order, . .	\$ _____
Express Money Order,	_____
Draft, . . . . .	_____
Currency, . . . . .	_____
Coin, . . . . .	_____
Postage Stamps, . .	_____
Total, . . .	\$ _____

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Street \_\_\_\_\_ P. O. Box \_\_\_\_\_

Post Office \_\_\_\_\_ R. F. D. No. \_\_\_\_\_

Express or Freight Office (If different from P. O.) \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Forward Goods by \_\_\_\_\_

State whether by **Mail**, **Express** (and company),  
**Freight** (and route), **Steamer** (and line).

While we exercise the greatest care to have all Seeds, Trees, Bulbs, or Plants, true and reliable, it is hereby mutually agreed between ourselves and the purchaser that we give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any of them and are not in any respect liable for the crop, or for any loss or damage arising from any failure thereof in any respect. If the purchaser does not accept these goods upon above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions we make this sale at the moderate prices at which we sell our goods. OTTO SCHWILL & CO.

### Carried Forward

# **WE PAY THE POSTAGE**

**In considering our prices in this Catalogue, please bear in mind that we pay the postage on all vegetable and flower seeds by the packet — ounce, quarter pound, pound, pint and quarts.**

**☛ PLEASE DO NOT WRITE IN THIS SPACE ☝**

Filled by \_\_\_\_\_ Shipped by \_\_\_\_\_ No. \_\_\_\_\_

**Checked by** \_\_\_\_\_ **Date** \_\_\_\_\_ **Pkgs.** \_\_\_\_\_

For more information about the study, please contact Dr. Michael J. Hwang at (310) 794-3000 or via email at [mhwang@ucla.edu](mailto:mhwang@ucla.edu).

HERE WRITE PLAINLY NAME AND ADDRESS

Name \_\_\_\_\_

Postoffice \_\_\_\_\_

Street or R. F. D. No. \_\_\_\_\_

State \_\_\_\_\_

Before  
Mailing  
Put  
2 Cent  
Stamp  
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**OTTO SCHWILL & CO.**  
**SEEDS AND POULTRY SUPPLIES**

No. 10 and 12 South Front St.

**MEMPHIS, TENN.**

# SCHWILL'S CATALOGUE

IS FREE TO ALL

Tell Your Friends To Send a  
Postal for it.

Please see that  
your name and address  
are written on order enclosed

*Before You Seal This Envelope*

We want to serve you promptly  
By doing this you can help us to do so.

**Otto Schwill & Co., Seedsmen**

# S E R V I C E



**S**ERVICE is the business man's method of showing appreciation. By our service, then, you shall know us. It is a reliable key to our feelings; a true barometer of our intentions.

We either want your business or we do not. There is no middle ground. And by the service we render you, regardless of the size or value of your order, we present, in unmistakable manner, our personal side of the transaction.

Sometimes delays are unintentional and unavoidable; but when we strive to give you accurate, rapid and satisfactory delivery in every instance, we strive to show you that we are interested in your welfare, appreciative of your business, and ready to co-operate in your community.

All that we ask is a trial. The rest is left to us. Do not hesitate to enlist our assistance. We are at your service.

If we haven't what you want, we will get it. Ask for anything. We will get it for you. Service—from a trainload to a pound.

Truly yours,

OTTO SCHWILL & CO.

## FROST-PROOF CABBAGE PLANTS

There are a number of islands along the Coast of Louisiana where the soil and climatic conditions are just suited for growing tough, hardy cabbage plants during the Winter and early Spring. The plants make a slow but steady growth, until at eight to ten weeks of age they are very tough and hardy, the buds are purple and the outer leaves a reddish brown. When in this condition they can be shipped to territory further north and be planted in the open ground a month to six weeks sooner than the home-grown hotbed or cold frame plants.

Plants usually withstand the cold winter, say at least 6 winters out of 8 in Texas, Louisiana, Mississippi and Alabama. In other territories, February and March are best months to plant. The word "frost-proof" does not mean "freeze-proof." However, you will be surprised at the amount of freezing weather the plants will stand. A temperature of 20 degrees above zero with sleet and snow seldom hurts them.

The top of the plant does not grow until your regular Spring weather opens up, but the roots grow from the time they are planted, and just as soon as Spring weather starts, the established root growth assimilates the fertilizer in the soil and the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hotbed and cold frame plants.

To get the advantage of these frost-proof cabbage plants they must be planted a month or six week earlier than you would plant home-grown plants. We fill orders from January 15th to May 1st.

The plants when received will be somewhat wilted and have a hard stunted appearance, which will be disappointing to persons who have never used the plants before. Regardless of appearance, they will produce the crop results.

Will have the following varieties:

Early Jersey Wakefield  
Charleston or Large Wakefield

Early Flat Dutch and  
Succession

Prices, by parcel post, 100 for 50c; 500 for \$1.75; 1000 for \$3.00. No orders filled for less than 100 plants of a variety.  
By express, not prepaid, 100 for 40c; 500 for \$1.50; 1000 for \$2.75.

## VEGETABLE PLANTS

All orders for vegetable plants will be filled in season when plants are in right condition, and at the right time. See dates below when different varieties are ready for shipment.

We can supply in any quantity, in their proper seasons, all vegetable plants, here mentioned, and ship directly from beds, well packed, on the shortest notice. NOTICE—If we should for any reason be out of any variety ordered, we will send some other similar variety in place of it, unless requested to the contrary.

At prices quoted, they are sent by express at purchaser's expense, excepting where noted by mail. As plants are perishable, we advise all large lots to be forwarded by express.

### Brussels Sprouts Plants

Ready March 10th to May 1st

Prices, Strong Hotbed Stock, doz. 30c; 50 for 65c; 100 for \$1.00, post paid. By express, not prepaid, doz. 20c; 50 for 50c; 100 for 85c.

### Beet Plants

Ready March 10th to May 1st

Eclipse      Early Detroit      Crosby's Egyptian

Prices, Hotbed Stock, 50 for 35c; 100 for 60c, post paid. By express, not prepaid, 50 for 25c; 100 for 45c; 500 for \$2.00.

### Cauliflower Plants

Ready March 10th, and up to May 1st.

Early Snowball      Dry Weather

Prices, Strong Hotbed Stock, doz. 25c; 50 for 90c; 100 for \$1.50, post paid. By express, not prepaid, doz. 25c; 50 for 75c; 100 for \$1.25.

### Celery Plants

Ready April 15th, and up to June 1st.

Hend White Plume      Golden Self-Blanching

Prices, Hotbed Stock, doz. 25c; 50 for 50c; 100 for 75c; 500 for \$2.50, post paid. By express, not prepaid, doz. 15c; 50 for 40c; 100 for 65c; 500 for \$2.25.

### Hotbed Cabbage Plants

These are grown in hotbeds and are, of course, a bright green looking plant, but they should not be planted out until the 10th or 15th of March.

Early Flat Dutch      Early Jersey Wakefield  
Large Late Drumhead      Early Summer  
Succession      Charleston Wakefield

Prices, 100 for 50c; 500 for \$1.75, post paid. By express, not prepaid, 100 for 40c; 500 for \$1.50; 1,000 for \$2.75.

### Egg Plants

Ready April 20th, and up to June 1st  
Black Beauty      New York Improved Purple  
Prices, Hotbed Stock, doz. 40c; 100 for \$1.50, post paid. By express, not prepaid, doz. 30c; 100 for \$1.25.  
Prices, Transplanted Stock, doz. 85c, post paid. By express, not prepaid, doz. 60c; 100 for \$4.50.

### Lettuce Plants

Ready March 1st, and up to May 1st  
Big Boston      Large White Cabbage Head  
Prices, Hotbed Stock, 50 for 35c; 100 for 60c, post paid. By express, not prepaid, 50 for 25c; 100 for 45c; 1000 for \$3.00.

### Pepper Plants

Ready April 20th, and up to June 1st  
Chinese Giant      Long Red      Crimson Giant  
Prices, Hotbed Plants, doz. 40c; 100 for \$1.50, post paid. By express, not prepaid, doz. 30c; 100 for \$1.25.  
Prices, Transplanted Stock, doz. 85c, post paid. By express, not prepaid, doz. 60c; 100 for \$4.50.

### Sweet Potato Plants

Ready April 25th, and up to July 1st  
Florida Yam      Porto Rico Yam Slips  
Bunch Yellow Yam      Nancy Hall  
Early Triumph      Southern Queen  
Prices, 100 for 50c; 500 for \$1.75; 1000 for \$3.00, post paid. By express, not prepaid, per 100 40c; 500 for \$1.50; 1000 for \$2.75. Write for prices in larger quantities.

### Tomato Plants

Ready March 25th, and up to June 1st  
Our own growing; all first-class stock; varieties as follows:  
Acme      Livingston's Globe      Stone  
Early Detroit      Beauty      Ponderosa  
Prices, Hotbed Stock, or Seedling Plants, doz. 25c; 100, 75c, post paid. By express, not prepaid, doz. 15c; 100 for 60c; 1000 for \$4.00.  
Prices, Transplanted Stock, doz. 35c; 100, \$1.50, post paid. By express, not prepaid, doz. 25c; 100 for \$1.25; 1000 for \$10.00.

# SCHWILL'S QUALITY VEGETABLE SEEDS

For more than a half century Schwill's Seeds have been a standard among the Best Gardeners of the South for their Unexcelled Purity and Excellence.

The Culture Directions in this book for growing Vegetables are for the latitude of Memphis. Persons living farther south should start earlier, while those living farther north should begin to plant later.



Asparagus, Palmetto

## ASPARAGUS

CULTURE—One ounce will produce about 200 plants, or plant 40 feet of drill; 5 pounds will plant an acre. Sow early in spring 2 inches deep in rows of 18 inches apart. When one or two years old transplant into permanent bed, in furrows 4 to 5 feet apart and 2 feet between the plants. Deep loamy soil, thoroughly cultivated and heavily manured, is required for permanent bed. Complete directions on request.

### Columbian Mammoth White

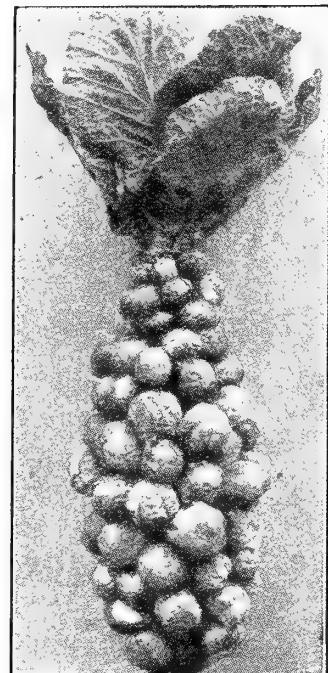
A new and entirely distinct kind whose shoots are white and stay white as long as fit for use. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c, parcel post paid.

### Palmetto

A fine variety, very large, early and adapted to all climates. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c, post paid.

### Palmetto Asparagus Roots

A saving of 1 to 2 years is effected by planting roots. For private use or for marketing on a small scale, beds should be formed 5 feet wide, with 3 rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows, 9 inches. Price, parcel post paid, 2-year Roots, doz. 40c; 50 for \$1.20; 100 for \$2.10. 3-year Roots, doz. 60c; 50 for \$1.50; 100 for \$2.75. Price by express, purchaser's expense, 2-year Roots, doz. 30c; 50 for \$1.00; 100 for \$1.75. 3-year Roots, doz. 50c; 50 for \$1.25; 100 for \$2.25.



Brussels Sprouts

## ARTICHOKE

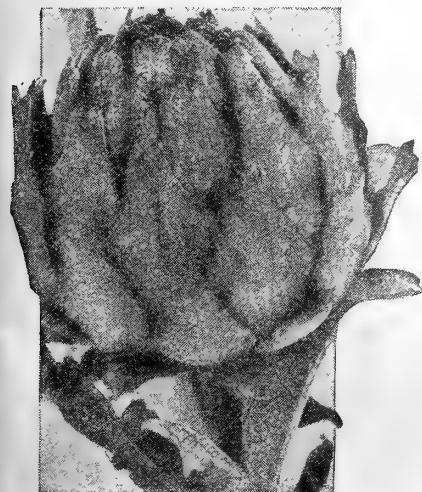
CULTURE—One ounce will produce 500 plants;  $\frac{1}{4}$  lb. to the acre. Seed should be sown in hotbeds early in February to get plants that will bear first year. Transplant to open ground in April, in deep, rich, sandy loam with plenty of well rotted manure.

### Large Green Globe

Produces heads like flowers, which are cooked like Asparagus. Highly esteemed. Pkt. 10c; oz. 60c, parcel post paid.

### Artichoke, Jerusalem

Excellent for fattening hogs. Plant in rows 4 feet wide, any time in March and April, dropping the tubers 18 inches apart in the rows; immensely productive; 3 bushels will plant an acre. Price, 1 lb. 25c, parcel post paid. Quantity price, see page 81.



## BROCCOLI

CULTURE—One ounce seed will produce about 2,000 plants. Give them the culture required for cauliflower, as it is very similar. It is generally taller and the heads are more divided. Broccoli stands greater extremes of temperature than cauliflower and is better adapted for late fall planting. Broccoli can be sown either in the spring or fall.

### Early White Cape

The best variety; heads white, compact and hardy; a hardy, vigorous and easily grown sort. Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c, post paid.

## BRUSSELS SPROUTS

CULTURE—One ounce will sow 200 feet of drill, or produce 2,000 plants. Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand  $1\frac{1}{2}$  to 2 feet apart in the row.

Brussels Sprouts are a very delicate vegetable, and deserves a more general cultivation than they receive. The plant belongs to the cabbage family, and should be grown and cultivated like cabbage. Very hardy; improved by frost.

### Dwarf Improved

Bearing a large crop of small solid, tender heads. Pkt. 10c; 1 oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. 90c, post paid.

BRUSSELS SPROUTS PLANTS, See Page 2.

## GREEN PODDED BUSH OR SNAP BEANS



Improved Early Red Valentine Bush Bean

### Stringless Green Pod (Burpee's)

This is one of the most popular and best of the stringless varieties. It is earlier than the Valentine, absolutely stringless, hardy, vigorous and productive. Pods are long and straight, round, meaty, of pale green color, and remain tender and crisp a long time after maturity, and are of excellent flavor.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Black Valentine

This Bean has beautiful large pods about 6 inches long, slender, round and nearly straight; stringy, fibrous though fine-grained, dark green in color. Seed black. An early, productive, profitable gardener's variety. The plant is more vigorous and productive than the Red Valentine and pods darker green.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Round Yellow Six Weeks

This is a round podded, round seeded type of the Six Weeks. It is early and moderately productive. The pods are 4 to 5 inches long, oval-round, light green in color, almost stringless, fleshy and of good quality.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c; post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Dwarf Varieties of Shell Beans

For description, see page 51.

White Kidney  
White Navy  
Mexican Pinto

Tepary  
White Marrow

$\frac{1}{2}$  pt. 20c; pt. 30c; qt. 55c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 25c; qt. 45c.

CULTURE—One quart will plant 100 feet of drill. Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until September. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans, gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

### Hopkins' Improved Red Valentine

An improved strain of the Red Valentine, and one of the best of the green podded snaps for market gardeners to plant. It is earlier than Valentine and it is usually ready to pick in forty-five days from planting. The pods are somewhat longer and more round and the seeds darker in color.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 55c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Improved Extra Early Red Valentine

A standard variety, extra early and for snaps there is nothing superior to this variety among the green podded sorts, both for home use or the market. The pods are round, long, slightly curved and of excellent quality. The seed we supply is produced from stock seed that was selected for both earliness and quality.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 55c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Giant Stringless Green Pod

This is an exceedingly productive and handsome variety. The plants are very hardy and productive. The pods are large and nearly round, somewhat similar to the Burpee's Stringless, but a little longer and straighter and a slightly lighter color and mature a few days later. The quality is good for snaps for home use as well as suitable for the market.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Tennessee Green Pod

This early midseason variety is very popular in some sections of the South and elsewhere after a trial. The plant is vigorous, hardy, midseason and very productive. The pods are extremely large and often 6 to 7 inches long, flat, irregular in shape, dark green in color and of exceptionally fine flavor, and very near stringless.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.



Burpee's Stringless Green Pod Bush Bean

## WAX PODDED BUSH OR SNAP BEANS

CULTURE—One quart will plant 100 feet of drill. Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until September. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills

6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans, gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.



Davis White Kidney Wax Bush Bean



Currie's Rust Proof Wax Bush Bean

### Improved Golden Wax

This is probably the most popular of the wax varieties and one of the best. It is early, productive and rust proof. The pods are about 4 inches long, very stout, and more straight than the old Golden Wax.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Davis White Kidney Wax

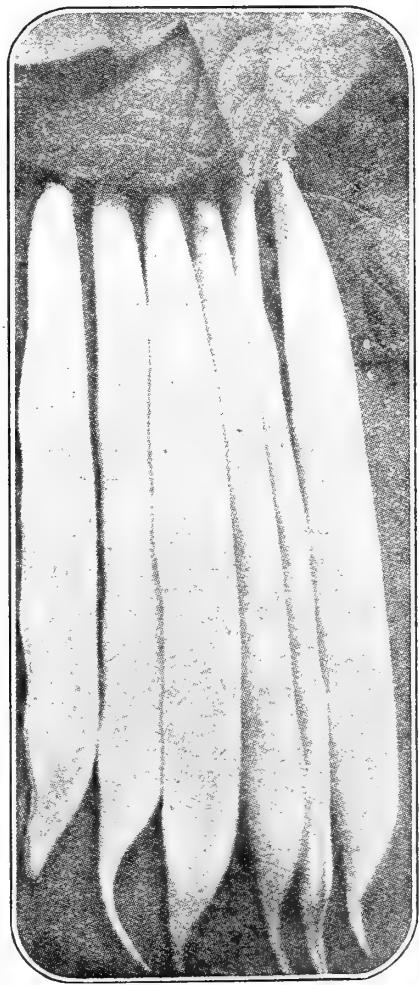
This is a well known market sort, being early and productive, and a good shipping variety. The pods are 6 to 7 inches long, large and flat, very uniform and straight, stringy and fibrous, of fair quality.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c; post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Flageolet Violet Wax

A vigorous, hardy and productive mid-season variety. Pods are very large, sometimes over 7 inches long, slightly curved and flat, a trifle stringy and fibrous. Color greenish yellow.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c; post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Wardwell's Kidney Wax

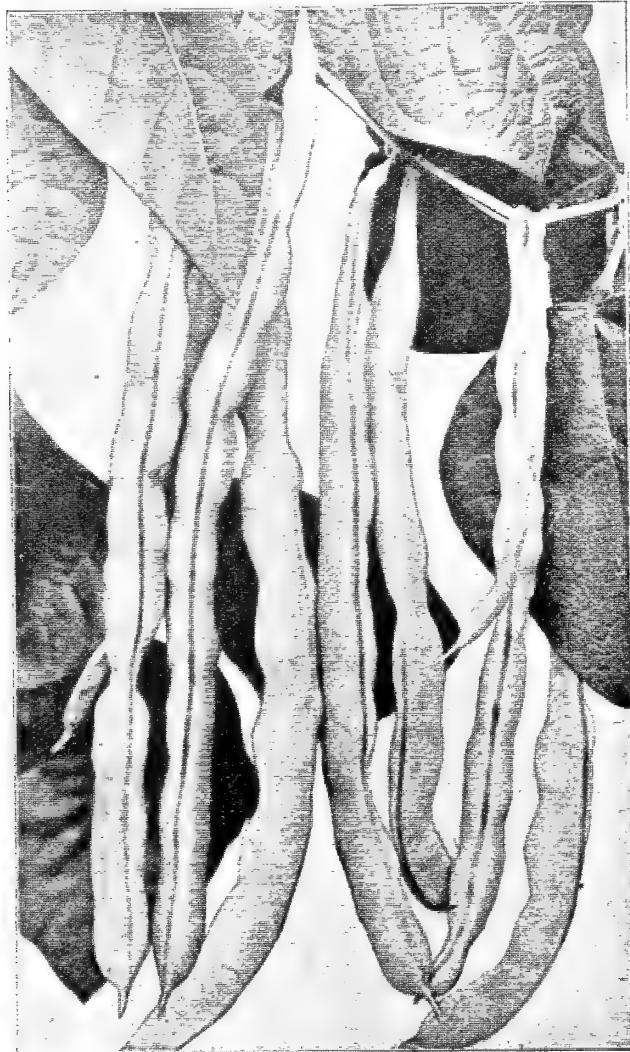
A very popular, early gardeners' variety. Pods large, 5 to 6 inches long, moderately stout, straight and flat, fleshy, brittle, fine-grained and nearly stringless, and of good quality.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.



Improved Golden Wax Bush Bean

## POLE, OR RUNNING BEANS

CULTURE—One quart will plant about 150 bills. Pole Beans require warm, rich, loamy soil and, in the South, should not be planted until two weeks later than Bush Beans. Plant in rows 4 feet apart each way, or in drills if wire trellis is used. Plant 4 to 6 beans around each pole, or 2 to 3 beans may be planted in hills a foot apart under a wire trellis. Cultivate freely and, if possible, top dress around each hill with a small quantity of commercial fertilizer. When hoeing work this dressing well into the soil.



Pole Bean, Kentucky Wonder

### McCaslan Pole

The McCaslan is a pole snap bean, and should be planted in every garden, as it is very prolific, with large size pods that fill perfectly, and in "snap" stage are deep green in color, meaty, stringless and of delicious flavor. Vines will bear throughout the season if kept closely picked. When allowed to ripen the shell beans are most excellent for winter use, being pure white.  $\frac{1}{2}$  pt. 25c; pt. 45c; qt. 80c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 40c; qt. 70c.

### Lazy Wife

One of the best of the late green podded sorts for soups or green shell use. The pods are borne in large clusters, are nearly 6 inches long, broad, straight and flat, stringless, very fleshy, brittle, fine-grained and of excellent quality. The dry beans are excellent for winter use.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 65, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 55c.

### Golden Cluster Wax

An excellent early wax podded pole bean. The vines are large, vigorous and hardy, with large, light green leaves. The pods are 6 to 8 inches long, extremely straight and flat; very fleshy, fine grained, good quality; color light waxy-yellow. Pkt. 15c;  $\frac{1}{2}$  pt. 25c; pt. 50c; qt. 80c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 45c; qt. 70c.

### Kentucky Wonder Wax

This is one of the earliest of the wax podded sorts, and similar to the green podded Kentucky Wonder, but the pods are broader. The pods are very long, handsome light yellow, often over 8 inches long, very fleshy, brittle but stringy. Pkt. 15c;  $\frac{1}{2}$  pt. 25c; pt. 50c; qt. 80c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 45c; qt. 70c.

### Kentucky Wonder

Sometimes called Old Homestead. This is no doubt the most popular and practically useful of the green podded pole beans for use as snaps. It is early, very prolific, with showy pods of the most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are very long, often measuring 9 to 10 inches, and are light green in color, curved and twisted nearly round, and very crisp when young, becoming irregular and stringy as they ripen.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### White Creaseback

This variety is valuable for its extreme earliness and its habit of perfecting all its pods within a short time. The vines are medium-sized, hardy and moderately productive. The pods measure 5 to 6 inches long, uniform, round and slender, slightly stringy, very fleshy, brittle and fine grained, good quality and dark green color.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Red Speckled Cut Short

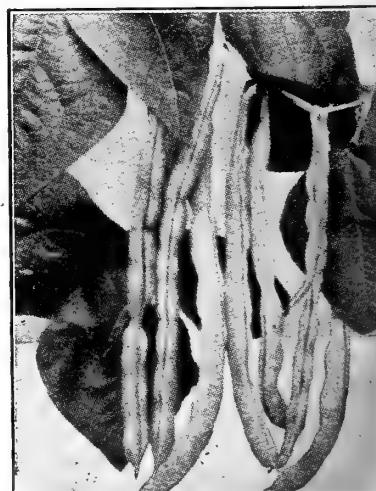
Sometimes called Corn Hill owing to its being largely planted in the South among the corn. It will give a good crop when planted among the corn, as the vines are medium size but very hardy and productive, but somewhat late. The pods are nearly 4 inches long, stout, straight and flat, stringy, fine-grained and light green color, of fair quality.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Scotia Cornfield

A very hardy and productive cornfield bean. The vines are of good climbing habit with small deep green leaves. The pods are often over 6 inches long, round, straight and creasebacked; slightly stringy, very fleshy, fine-grained and of good quality.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Southern Prolific

An old standard sort and a vigorous, hardy, late and productive variety. Pods 5 to 6 inches long, flat, slender and slightly curved; stringy, fine-grained, fair quality; grayish-green color.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.



Kentucky Wonder Wax Pole Bean

## LIMA BEANS, POLE VARIETIES

CULTURE—One quart will plant about 150 hills. Pole Limas require warm, rich, loamy soil. Plant when the soil has become well warmed through in the spring, as the seed will rot in cold, soggy soil. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans around each pole 2 inches deep and thin out to three plants to the pole. Cultivate frequently but shallow, and use a top dressing of good commercial fertilizer or poultry manure.

### Carolina Sieva or Small Lima

This is the true Butter Bean. The seed beans are very small and white, on the order of Henderson's Bush Lima. The plants are of large growth, very early, vigorous and productive, and will stand more heat and drouth than any other of the Limas, and is a truly Southern favorite.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### King of the Garden

An improved strain of the Large White Lima. The pods are about an inch longer, proportionately wider, and uniformly 4-seeded. The vines are hardy and bear abundantly. This is a standard sort and one of the best for main crop. The seed are very large, ovoid, flat, white, with slight greenish tinge.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 70c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 55c.

### Large White Lima

This well known variety is one of the best of the larger varieties for planting in the South. The vines are tall and vigorous but slender, with medium-sized smooth, medium green leaves. The pods are borne in clusters and are over 5 inches long, broad, very thin.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 65c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 55c.

### Schwill's Monstrous Lima

The pods of this variety are very large, often measuring 8 inches long and containing seven beans of the most excellent quality, and bearing about the same time as the Large Lima, and the vines are vigorous and strong-growing and are exceptionally productive. The seed are very large.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 70c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 60c.

Carolina Sieva or  
Small Pole Lima  
Bean

### Calico or Irish

The most wonderful producer in the world. The beans are all colors, blotched, blue and red mottled; medium in size and superb in quality. This is an old garden variety that was lost track of for some time, but we have been fortunate in having a nice stock grown the past season. Don't miss Calico Beans when making up your order.  $\frac{1}{2}$  pt. 25c; pt. 40c; qt. 70c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c.

## DWARF OR BUSH VARIETIES

CULTURE—One quart will plant 100 feet of row, or 3 pecks to the acre. Bush Limas require the same cultivation as stated above for Pole Limas, except that the rows should be 2 feet apart and 6 inches of space between each plant in the row.

King of Garden—Pole Lima

### Henderson's Bush

One of the most valuable of the bush varieties owing to its extreme earliness, hardiness and productiveness. The plants are without runners but continue to grow and set until stopped by frost. The leaves are small and very dark green. The pods are small, about 3 inches long, containing 3 to 4 beans, which are of excellent quality either green shelled or dry. This variety is much in favor with the canners and none better for the home garden.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Fordhook Bush

This is the only variety with a stiffy, erect bush form habit, branching freely but branches of upright growth. The pods are produced in large clusters, medium green, about 5 inches long and each containing 4 to 5 large beans of the finest quality. Seed large, irregular oval, very thick, white with greenish tinge.  $\frac{1}{2}$  pt. 25c; pt. 40c; qt. 75c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 65c.

### Burpee's Improved Bush

This is one of the earliest of the large seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long, containing 4 unusually thick and very large beans of excellent quality. Seed very large, thick and usually show a greenish tinge, which is generally considered an indication of quality.  $\frac{1}{2}$  pt. 25c; pt. 40c; qt. 75c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 65c.

### Wood's Prolific

This variety is very similar to Henderson's Bush, being quite similar in character and habit of growth, though the beans are somewhat larger and thicker. Pods are ready for use a week earlier than Burpee's Bush Lima.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 65c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 55c.



Fordhook Bush Lima Bean

## SCHWILL'S TABLE BEETS

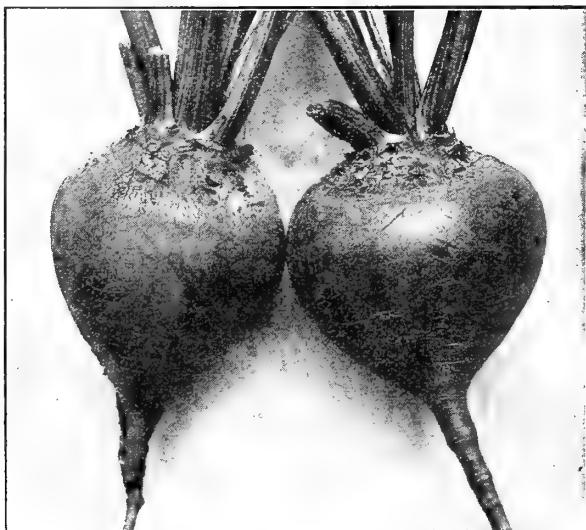
**CULTURE**—One ounce will sow 50 feet of drill; 5 to 6 pounds to an acre. Fibrous loam, well drained and well enriched, will raise good beet crops. For early table beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or, seed may be sown under glass four weeks sooner and the young seedlings transplanted to open ground to give an extra early crop. Give thorough and clean cultivation, and thin the plants to 3 to 4 inches apart in the rows.

### Crosby's Egyptian

This is the earliest in the market. It does not closely resemble the original Egyptian except in its extreme earliness. Roots a flattened globe shape; skin very dark red, flesh a trifle lighter in color and lightly zoned; tops small. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.50, post paid.

### Detroit Dark Red

One of the very best for home or market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe-shaped; skin dark red, flesh solid vermillion red. Tops are small, upright, dark green, shaded red; quality the best. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25; 5 lb. \$5.00, post paid.



Detroit Dark Red Beet

### Early Eclipse

An early variety, especially desirable for the home garden, and used for bunching. The roots are medium size, round, bright deep red with small tops. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.50, post paid.

### Early Blood Turnip, Improved

An extra select stock of the old standard table beet; roots nearly round or slightly flattened, bright red, zoned, and of good quality. Not as early as Detroit, with a larger, coarser top. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.50, post paid.

### Schwill's Market Gardener

Our gardeners' favorite, owing to its extreme earliness and uniformity in both shape and color. It is without a doubt the best beet for the home, gardener or for canning. The tops are small and upright in growth. The leaves dark green, shaded red. The roots are medium size, globular, very smooth and of dark blood red color, while the flesh is a deep vermillion red, zoned with lighter shade. It is unsurpassed in quality. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25; 5 lb. \$5.25, post paid.

BEET PLANTS, SEE PAGE 2.



Beet, Schwill's Market Gardener

### Early Bassano

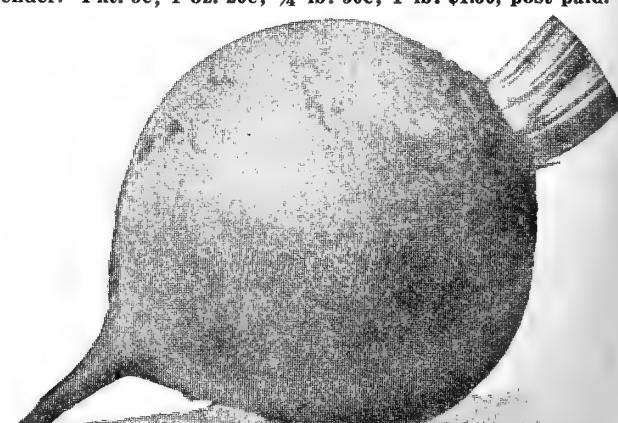
A second early variety, having large leaf tops, which may be used for greens. The roots grow to good size and are very sweet while in young state of growth. Flesh is pink, zoned creamy white. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c; 5 lb. \$3.25, post paid.

### Long Smooth Blood

A standard long, late variety, roots smooth, rather slender, flesh deep purplish red. It is of good quality and keeps well through the winter. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.50, post paid.

### Dark-Leaved Globe

A splendid type of the blood-turnip variety, the originator having in mind a Beet combining good quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive variety. The quality is excellent, being sweet and tender. Pkt. 5c; 1 oz. 20c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.



Beet, Dark-Leaved Globe

## SUGAR BEETS

**CULTURE**—One ounce will sow 50 feet of drill; 6 pounds for an acre. The Sugar Beets are desirable not only for sugar making but are valuable for stock feeding, and when small may be used for the table. The best soil is a rich, friable sandy, or clayey loam. Rich, mucky soil will often give immense yield of roots which, though excellent for feed, are of little value for sugar making. Plant early in spring in drills 2 to 2½ feet apart, and about 1 inch apart in the row, covering with about 1½ inches of fine soil firmly pressed down. Cultivate frequently. When about 3 inches high begin thinning and continue at intervals until the roots stand about 10 inches apart. The culture of the Mangel Wurzel, also called Mangel, Cattle Beet and Field Beet, is much the same as for Sugar Beets.

### Lane's Imperial

This beet will yield almost as much in bulk as the best mangels and contains more sugar. The roots are smooth, broad at the top and gradually taper. Flesh snow white and crisp. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 75c; 5 lb. \$3.00, post paid.

### Klein Wanzleben

The roots are larger than Vilmorin's Improved and is harder and easier grown. The tops are rather large and the leaves slightly waved. It is the largest yielding and best for sugar making. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 75c; 5 lb. \$3.00, post paid.

### Giant Feeding Sugar

Sometimes called Half Sugar Mangel, and one of the most desirable for stock feeding, affording much larger crops and easier harvested than other sorts. It has high nutritive value, being especially rich in sugar. The upper portion of the roots is soft pink, shading lighter toward the bottom, where the lower portion for more than a third of the length is white. Flesh white. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 75c; 5 lb. \$3.00, post paid.

## MANGEL WURZEL

### Mammoth Long Red

The largest stock beet, yields 40 to 50 tons to the acre. Will grow in land containing more alkali than any other beet. All stock except horses eat it readily. The roots are very large, uniformly straight and the flesh is white, tinged with rose. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 75c; 5 lb. \$3.00, post paid.

### Golden Tankard

The tops are comparatively small, with the 1-leaf stalk and veins distinctly tinged with yellow. The neck is small. The roots are large, ovoid, but with bottom usually of larger diameter than top, light gray above the ground, deep orange below. The flesh is yellow, zoned with white. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 75c; 5 lb. \$3.00, post paid.

## CARROTS

**CULTURE**—The Carrot, like other root crops, delights in a sandy loam, deeply tilled. For early crops, sow in spring, as soon as the ground is in good working order; for late crops they may be sown any time until the middle of July. Sow in rows about 15 inches apart, thinning out to 3 inches between plants.

One ounce of seed will sow 100 feet of drill; 2 to 3 pounds to the acre.

### Improved Long Orange

An old standard and very popular variety, growing to large size; fine for market; one of the best varieties for stock feeding. Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. 85c; 5 lb. 3.75, post paid.

### Danvers Half Long

Flesh dark-orange; smooth, handsome roots of medium length; tapering uniformly to a blunt point; very productive and a great favorite with market gardeners. Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. \$1.25; 5 lb. \$5.00, post paid.

### Early Scarlet Horn

Not large, but a favorite for early crop. Small tops, stump rooted, orange flesh and fine grain. Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. \$1.00; 5 lb. \$3.75, post paid.

### Ox Heart

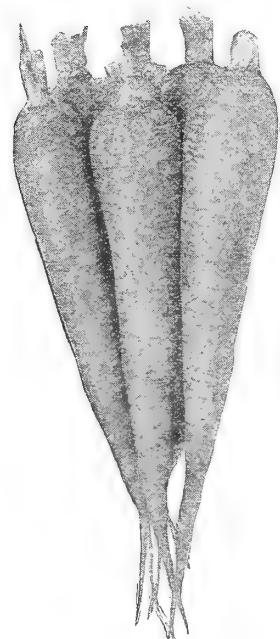
Stump rooted; 3 or 4 inches in diameter, flesh bright orange, fine grained and sweet; very productive. Where other varieties require digging, Ox Heart is easily pulled. Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. \$1.00; 5 lb. \$3.75, post paid.

### Yellow Belgian Carrot

Large yellow root, with green top, grown exclusively for feeding stock. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 75c; 5 lb. \$3.25, post paid.



Giant Feeding Sugar Beet



Carrot, Improved Long Orange  
(Page 9)

## AMERICAN GROWN CABBAGE



Cabbage, Early Jersey Wakefield

### Early Jersey Wakefield

A leading variety and one of the best for private or market gardeners' use; conical shape. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.

### Charleston Large Wakefield

This is a few days later than the Early Jersey Wakefield, but makes a larger and firmer head. We strongly recommend it as the best main crop early cabbage grown, for the home garden and market. Our seed of this is grown from a specially selected stock. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.

### Early Eureka

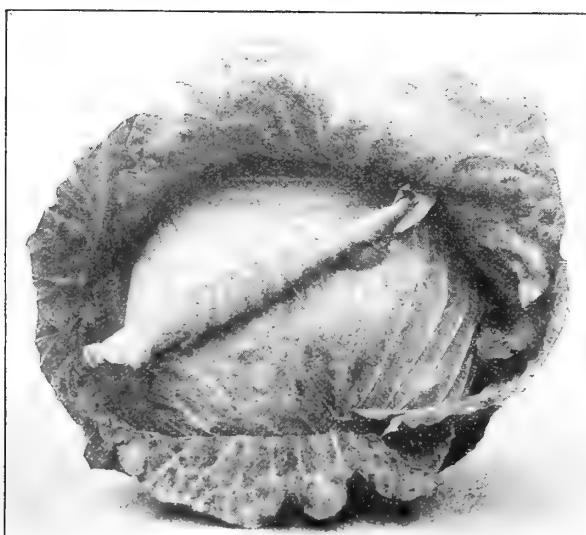
This is a valuable extra early variety with round, slightly flattened solid heads, coming into use as early as the Wakefield varieties. Pkt. 5c; 1 oz. 50c; 2 oz. 75c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.50, post paid.

### Early Summer

A second early cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.00, post paid.

### Early Flat Dutch

This is a grand second early cabbage, of large size and A No. 1 quality. Larger than Early Summer. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.



Cabbage, Early Flat Dutch

**CULTURE**—One ounce will produce 3,000 plants. For early use the seed should be started in the house or hotbed January or February. When the young plants are well started, transplant so as to stand 3 inches apart each way. About the end of March they may be transplanted into the garden in rows 3 feet apart, setting the plants 18 inches apart each way. For late use, sow the seed about the middle of May, or sowings can be made up to July 10, in a finely prepared seed bed, later transplanting to rows 3 feet apart, setting the plants 2½ feet apart. Protect against ravages of insects as follows: For cut worms, use Slug Shot; for lice, Tobacco Dust; for cabbage beetle and green aphis, use Kerosene Emulsion, well diluted.

### All Head Early

The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having a few outer leaves; can be planted as close as the Wakefield. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.

### Solid South

A magnificent cabbage, resembling the Early Summer, but is earlier, larger, more uniform, has fewer outside leaves. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.



Cabbage, Succession

### Succession

A good second early round-headed sort, heads very evenly. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.

### Green Glazed

This is a late, loose heading variety, resistant to insect attacks. Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c, post paid.

### All-Seasons

An early Drumhead cabbage, yielding heads of the largest size. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25, post paid.

### Early Winningstadt

Conical shape; quality very good. This variety is especially adapted for light soils, where it does better than other sorts. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.85, post paid.

### Early Drumhead

A second early, large, round, solid-heading variety. This we consider the best for following Charleston Wakefield; it matures about ten days later. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.85, post paid.

### Improved Large Late Drumhead

We recommend this for late market. For heading, evenness of crop and size, our strain of this cannot be surpassed. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.00, post paid.

### Drumhead Savoy

This is undoubtedly the finest type of Winter Cabbage. After having been frosted it boils like marrow, and is not surpassed even by the cauliflower in its best condition. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.

### Surehead

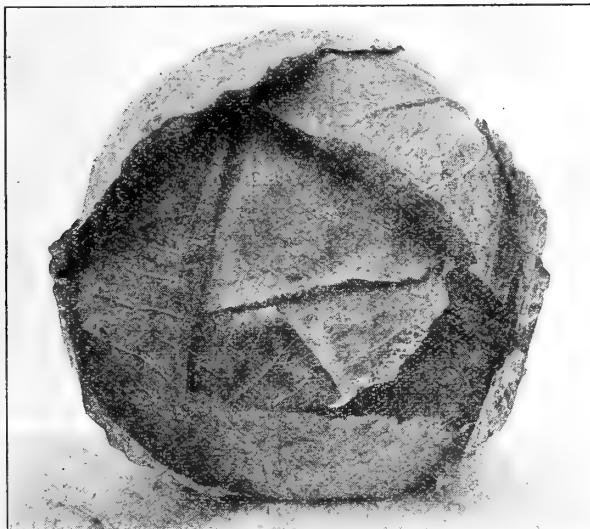
This variety produces large heads, weighing 15 to 20 pounds. The quality is good, and it can be grown either as a second early or late sort. Pkt. 5c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c; 2 oz. 50c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.

### Improved Large Late Flat Dutch

Heads large, bluish green, round, solid and broad on top, more extensively planted than any other variety. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25, post paid.

### Copenhagen Market

Without doubt the finest, largest round-headed early cabbage in cultivation. The type is fixed and heads mature all at the same time. The heads are large, averaging about 10 pounds, are very solid and of fine flavor. It matures as early as the Wakefield and yield is much heavier. The plant is short stemmed. Color is light green. Pkt. 5c;  $\frac{1}{2}$  oz. 25c; 1 oz. 40c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.75, post paid.



Copenhagen Market

### CAULIFLOWER

**CULTURE**—One ounce will produce about 2,000 plants. Sow in hotbeds early in January and transplant any time suitable after the first of March, the earlier the better, as cauliflower thrives best in moderate cool weather. For late crop, sow at same time as for late cabbage and treat in the same manner.

### Early Snowball

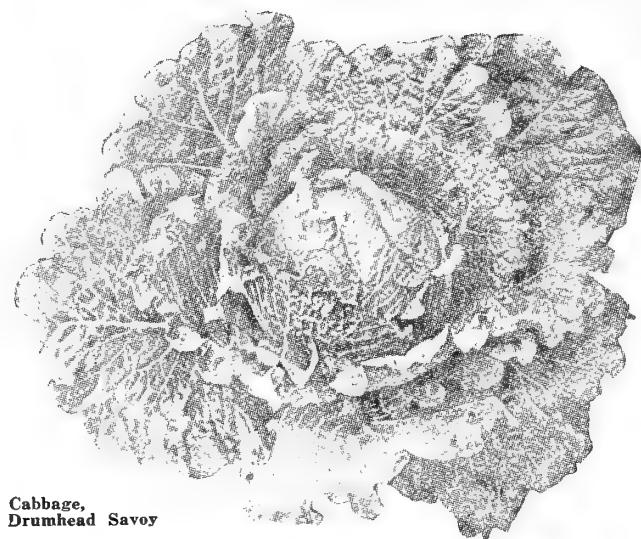
(Danish Grown). A fine variety, great favorite and standard throughout the country; very early, close growing, of compact habit. It is without doubt one of the most satisfactory early varieties. The heads are large. For early or late planting, for family or market garden, this kind can be depended on. Pkt. 15c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{2}$  oz. \$1.15; 1 oz. \$2.00, post paid.

CAULIFLOWER PLANTS—See page 2.

### CHERVIL, CURLED

A hardy annual with aromatic leaves, somewhat resembling parsley and, by many, considered superior to it in flavor. The young leaves are used in soups and for flavoring and garnishing meats and vegetables. Sow in early spring in rich, well prepared soil. The seed is slow to germinate, sometimes remaining in the earth four or five weeks before the plants appear. When the plants are about 2 inches high, transplant or thin to about a foot apart. They are ready for use in six to ten weeks from sowing. This very finely curled, double sort is much superior to the plain variety, being early maturing, handsomer and having fully as fine fragrance and flavor. Pkt. 10c; 1 oz. 50c, post paid.

## CABBAGE



Cabbage,  
Drumhead Savoy

### Schwill's Ideal Winter

The very best late Cabbage in existence. It never fails to make a crop; runs heavy in weight owing to its size and solidity; resists drouth and insects by its sturdy constitution. Pkt. 5c; 1 oz. 35c; 2 oz. 65c;  $\frac{1}{4}$  lb. \$1.00; 1 bu. \$3.00, post paid.

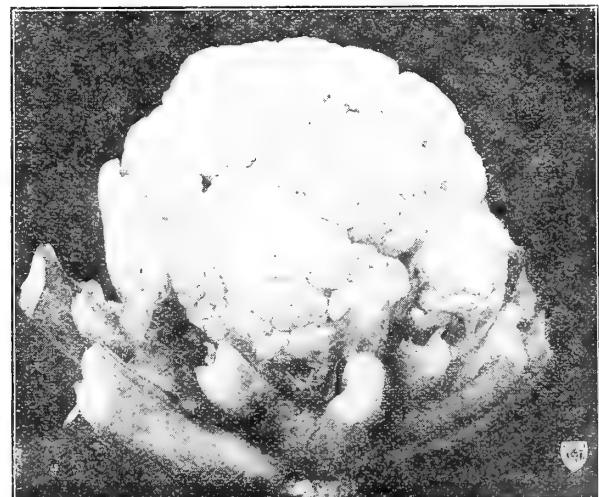
### Mammoth Rock Red

This is the largest variety of Red Cabbage and produces heads which are remarkably solid, more so than any other kind. The heads are round with spreading outer leaves and matures at a late season. Pkt. 10c; 1 oz. 50c, post paid.

### Chinese Cabbage, Pi-Tsai

Makes a rapid growth and has a very attractive appearance. It is the best of the Chinese vegetables for American conditions. It does best where there are warm days and cool nights. Although the Chinese name is translated Cabbage in English, it is not the same habit of growth as the vegetable familiar to us by that name. Pi-Tsai grows like loose lettuce. When cooked it has a splendid flavor, and gives out no offensive odor when cooking. Pkt. 10c; 1 oz. 35c, post paid.

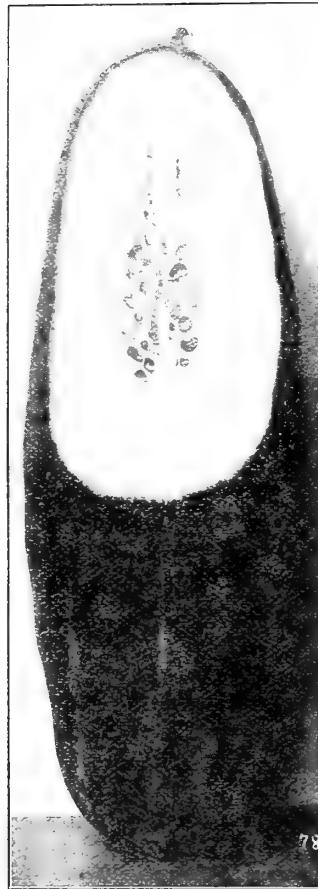
CABBAGE PLANTS—See page 2.



Cauliflower, Early Snowball

## CUCUMBERS

**CULTURE**—One ounce will plant 50 hills; 2 pounds will plant one acre. For very early cucumbers plant in paper pots or dirt bands, in hotbeds, about the second week in March. Transplant as soon as the weather permits. In the open, plant about the first of April, as soon as the weather becomes settled, in hills 4 feet each way; thin to 3 of the sturdiest plants when they begin to vine. The soil should be a rich, sandy loam. Continue to plant for succession until the middle of July. Cucumbers should be gathered when large enough for use, whether required or not, as ripening destroys their productiveness.



Cucumber, Early White Spine

**STIM-U-PLANT TABLETS  
MAKES A WONDER GARDEN**

See page 59 for information.



Cucumber, Cumberland Pickle

### Early Green Cluster

Very early, fruit short, chunky, small and borne in clusters in the center of the plant; light green in color; prolific. Pkt. 5c; 1 oz. 15c; 2 oz. 30c;  $\frac{1}{4}$  lb. 45c; 1 lb. \$1.25, post paid.

### Early Fortune

The finest type of White Spine yet produced. Early, very prolific and disease-resistant. Fruits 8 inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich dark green, which does not fade when shipped long distances. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Extra Early Long Green

This is one of the best general purpose cucumbers in cultivation, the young fruit being very symmetrical in shape; color deep green, and very crisp. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.

### Japanese Climbing

A distinct climbing sort for covering fences or trellises; fruit 10 inches long, thick, crisp and fine quality; color dark green. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00, post paid.

### Henderson Perfected

An extra early, dark green White Spine strain, producing very uniform fruit in great abundance. The vine is vigorous and produces fruit for a long season. Fruit averages 8 to 10 inches long and is of the finest quality. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Gherkin or Burr

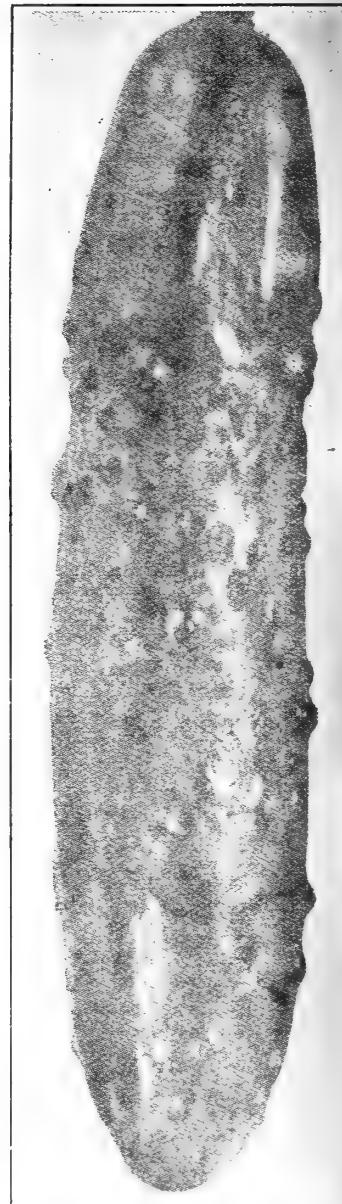
Grown exclusively for pickles and should be picked while young and tender. Fruit small, covered with spines; color light green. Pkt. 10c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00, post paid.

### Improved Early White Spine

One of the very earliest and best known of the White Spines; a short, square-ended, rather three-cornered type; very productive; fine for slicing or pickles; medium green color with white spines. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25; 5 lb. \$5.25, post paid.

### Improved Long Green

A standard late, well-known table sort, 12 to 14 inches long, slender, more or less warty, tapering toward stem end; color dark green, flesh white and firm. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25; 5 lb. \$5.25, post paid.



Cucumber,  
Improved Long Green

### Extra Early Green Prolific

Fruit short, symmetrical and bright green; very productive, making a good pickle, a little shorter and thicker than most pickling sorts. The young cucumbers are thickly set with small spines, and possess the distinctly roughened surface so much desired for small pickles. The large fruits average 9 to 10 inches in length by 2½ inches in diameter, with full rounded ends and good quality for slicing. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Cumberland Pickle

A straight, medium long variety, skin densely covered with fine hair-like spines. Color light green, makes a good, very solid cucumber for slicing, but not adapted for pickling. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Davis Perfect

An extra long, dark green type of White Spine; retains its color and good qualities long after being picked; fruits exceptionally long, smooth and tapering at both ends; flesh crisp, solid, with few seeds; midseason. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25; 5 lb. \$5.25, post paid.

## CELERY

**CULTURE**—Sow the seed (which is slow to germinate) in shallow boxes indoors or in a finely prepared seed bed out of doors early in the spring. Do not cover the seed too deep and keep the soil moist, almost wet, until the seed germinate. When the young plants are well started transplant in shallow trenches 3 feet apart and 6 inches apart in the trench. To insure crisp, well balanced stalks, bank up only when the soil is dry enough to crumble. One ounce of seed will produce from 5,000 to 10,000 plants.

### Golden Self-Blanching

A favorite everywhere. It is a robust grower of dwarf habit, very stocky and compact, color a rich golden yellow. Is as self-blanching as White Plume, and simply needs a slight earthing up. Pkt. 5c; 1 oz. 50c; 2 oz. 75c;  $\frac{1}{4}$  lb. \$1.25, post paid.

### White Plume

One of the best for early use; handsome, good quality and blanches easily. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c, post paid.

### Perfection Heartwell

An excellent large, solid growing variety of creamy white color, one of the very best market sorts and a good keeper. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c, post paid.

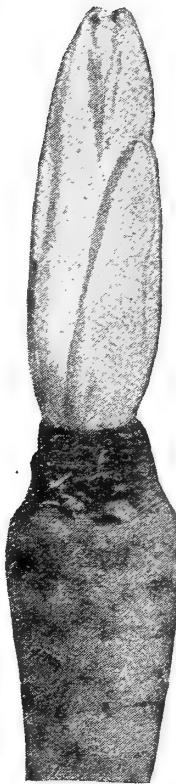
### Celeriac Large Smooth

An improved sort, with nearly round roots, which have but few side roots. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c, post paid.

**CELERY PLANTS**—See page 2.



Celery, Golden Self-Blanching



Witloof-Chicory

## CHICORY

Chicory is grown for the large, thick roots, which are dried, roasted and ground, as a substitute or adulterant for coffee. The leaves are also used as a salad during the early spring months. To secure large, smooth roots, the soil should be light, rich, and deeply worked, and the plants should be thinned out to stand 4 to 6 inches apart. One ounce will sow 100 feet of row.

### Large-Rooted or Coffee

Pkt. 10c; 1 oz. 30c, post paid.

### Witloof-Chicory, or French Endive

Witloof is used principally as a winter salad, and is most delicious served with French Dressing and eaten like Cos Lettuce. The seed should be sown in the open ground not later than June in drills 12 to 18 inches apart, and the seedlings should be planted to stand not closer than 3 inches. Pkt. 10c; 1 oz. 50c; 2 oz. 90c, post paid.

### Cress

As early in spring as ground can be worked sow the seed in well-prepared, rich soil, in shallow drills about 16 inches apart, covering with about  $\frac{1}{2}$  inch fine soil, firmly pressed down. When the young plants are well started thin to 4 to 6 inches apart in row. For succession, plant every two weeks, thinning out as required for use.

### Curled or Pepper Grass

Grows very quickly and readily from seed sown thinly in drills during the spring and fall months. Leaves are finely curled and quite ornamental in appearance but, as the plant soon runs to seed, frequent plantings should be made. Pkt. 5c; 1 oz. 20c; 2 oz. 30c;  $\frac{1}{4}$  lb. 50c, post paid.

### True Water

A hardy plant which can be grown easily in a shallow pond of fresh water or along the edges of shallow running streams. Seed may be started readily in pans or boxes of very moist earth, and when young plants are well started, they can be transplanted to the stream or pond. Pkt. 10c.

### Corn Salad

A small, quick-growing salad plant for late fall, winter and spring use. Leaves are used as a substitute for lettuce and spinach. During August and September sow seed in shallow drills about 1 foot apart, covering with about  $\frac{1}{4}$  inch of fine soil firmly pressed down. On the approach of severe cold weather, cover with straw or coarse litter. The plants will also do well if the seed is sown very early in spring.

### Large Round-Leaved, Large Seeded

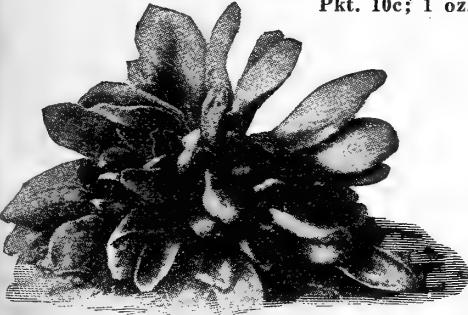
Pkt. 10c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25, post paid.

### Dandelion

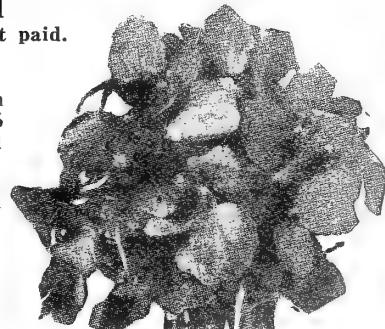
Sow early in spring, in very warm, rich soil, in drills 18 inches apart; thin to 5 inches apart and cultivate well; they will be fit for cutting the next spring. When grown for the roots, sow in September and cultivate well during the fall and the following summer; the roots will be fit to dig in October.

### Improved Thick-Leaved

This cabbaging sort is much superior to the common or uncultivated dandelion. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; 1 oz. 50c, post paid.

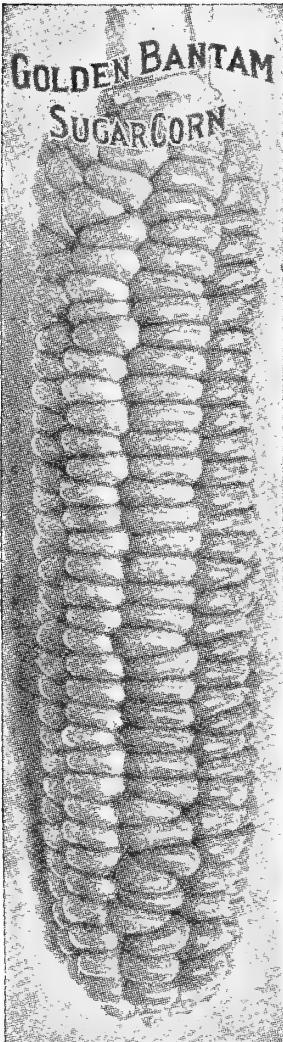


Corn Salad



Cress

## GARDEN AND SWEET CORN



**CULTURE**—One quart will plant 200 hills; 8 quarts will plant one acre. Sweet Corn varies greatly in hardiness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, about the middle of March, in rows 3 feet apart, making the hills about 1 foot apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant garden corn in rows 3 feet apart, making the hills 18 inches apart in the rows.

### Extra Early Adams

Not a sugar corn, but owing to its extreme earliness it is used for a first early table corn in the South. The stalks are about 4 feet high, with small tassel, very few leaves, and without suckers. The ears are short, very full, 12 or 14-rowed, often nearly as thick as they are long and are well covered with coarse husks. The kernels are white and smooth. This is an extremely hardy variety which can be grown closer together than most sorts.  $\frac{1}{2}$  pt. 15c; pt. 25c; qt. 45c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 35c.

### Golden Bantam

A very early variety. The ears are of medium size, and are thickly set with delicious yellow kernels. The quality of this variety is superb, and it has become a general favorite early sweet corn with all who have tried it. Golden Bantam and Golden Cream have a flavor distinct from other sorts, and if you have never tried these two sorts from your own garden you must plant them this year. The stalks are dwarf and sturdy in habit, growing to a height of 4 feet and can be planted thickly; they bear 2 or 3 good ears.  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 40c.

### Golden Cream

A very fine corn, being a cross between Golden Bantam and Country Gentleman, following the former sort in maturity. Ears about the size of Golden Bantam, but grain is smaller, deep and zig-zagged, and rich golden yellow, of the most delicious flavor. The stalks grow 4 to 5 feet high and bear two ears.  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 40c.

### Golden Giant

This variety is a cross of Howling Mob with Golden Bantam and produces ears much larger than Golden Bantam, but of the same delicious quality, and being hardy, the seed may be planted as soon as the ground becomes warm. The cob is of small diameter and contains twelve to eighteen rows of long, thick grains, which cover the entire surface and are deep orange in color, extremely juicy and sweet.  $\frac{1}{2}$  pt. 25c; pt. 40c; qt. 75c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 65c.

### Early Minnesota

This deservedly popular variety is one of the best second early sorts for the market and the home garden. The stalks are about 6 feet high, bearing 1 to 2 ears well covered with husks. The ears are about 8 inches long, 8-rowed; kernels very broad, white, sweet and tender, not shrinking much in drying. By careful selection we have developed a stock of this standard variety which is remarkably uniform and in which all the good qualities that have made this sort so desirable are intensified.  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 40c.

### Schwill's Improved Large Adams

This is not a sugar corn, but a selection from the Adams Early; is as early in season and produces a larger and finer ear filled to the extreme tip of the cob. It produces the largest and finest ear of the Adams varieties.  $\frac{1}{2}$  pt. 15c; pt. 25c; qt. 45c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 35c.

### Adams Large Early

Similar to Adams Extra Early, but two weeks later, and has much larger ears. This and the Adams Extra Early are very hardy and can be planted earlier than sweet corns. Has small stalks and can be planted close. More valuable for the market than for home gardens, as this, as well as the Adams Extra Early, lacks fineness of flavor found in sweet varieties. Unless given the best cultivation and rich soil, they are not sure croppers.  $\frac{1}{2}$  pt. 15c; pt. 25c; qt. 45c; post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 35c.

### Schwill's Early Surprise

Our own introduction, now too well known to give any lengthy description. It is not a sugar corn, but ranks almost equal. A favorite for early market, larger than the early Adams corn and only a few days later; ears about 8 inches, always well filled to the tip; grains pure white, tender and makes the very best roasting ears. The genuine stock from our own grower can only be obtained from us. No other dealer can supply Schwill's Early Surprise Corn.  $\frac{1}{2}$  pt. 15c; pt. 25c; qt. 45c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 35c.



Schwill's Early Surprise Corn

FOR PRICES IN LARGER QUANTITIES, SEE PRICE LIST, PAGE 81.

## GARDEN AND SWEET CORN

### Mammoth or Large Sugar

This tall-growing sugar corn produces the largest ears of any sweet corn. The ears are often 12 inches long and are noted for their sweetness and delicious quality. The grain is pure white, and the ears remain long in the green state. The ears are 16 to 18-rowed; an excellent sort for canning and for the late garden.  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 40c.

### Black Mexican

This corn, when young, is very white, but the ripe grain is bluish black. For home use it is unexcelled, being very tender and sweet of quality; it is getting more popular every year. The stalks are about 7 feet high; the ears are 8-rowed, and about 8 inches long.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Country Gentleman

This variety has a small, white cob, densely covered with irregular rows of very long, slender, white grains of excellent quality. The ears are 7 to 9 inches long. The stalks are from 6 to 7 feet high. It is well adapted for canning as well as the home garden and market, and many consider it the best of the late varieties.  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 40c.

### Stowell's Evergreen

A most popular main crop variety, and splendid for table use, the quality being excellent. The stalks are of strong growth, about 6 feet high; the 12-rowed ears are about 8 inches long and keep in table condition a remarkably long time. Our stock has been carefully grown and selected. This is one of the best known of the late sorts.  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 40c.

### White Evergreen

This corn has ears fully as large as those of the regular Stowell's and is about five days earlier, while the grain remains tender for a longer period. Its most valuable feature is the paper whiteness of the grains, which makes not only a more attractive ear when served on the table, but is most important for the canner. It retains its whiteness when put up in cans, as distinct from the yellowish tinge of the still popular original Stowell's Evergreen.  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 10c; pt. 20c; qt. 40c.

FOR PRICES IN LARGER QUANTITIES, SEE PRICE LIST, PAGE 81.

### POP CORN

Pop Corn ranks favorably in yield to the acre with the other corns, as it will stand closer planting. Always finds a ready market at a good price for popping purposes. Plant some for the children to pop during next winter's evenings. It will furnish them many hours of amusement.

**CAUTION**—Do not plant pop corn near any other variety of corn, as it is inclined to mix badly; this will spoil the popping qualities.

### White Pearl

This is a small grain variety, being a smaller kernel than the Queen's Golden or White Rice. It also has a small cob, but is a very prolific variety and seems to do best in the southwest. Pkt. 15c;  $\frac{1}{2}$  lb. 25c; 1 lb. 40c, post paid. Not prepaid, 1 lb. 30c; 5 lb. \$1.25.

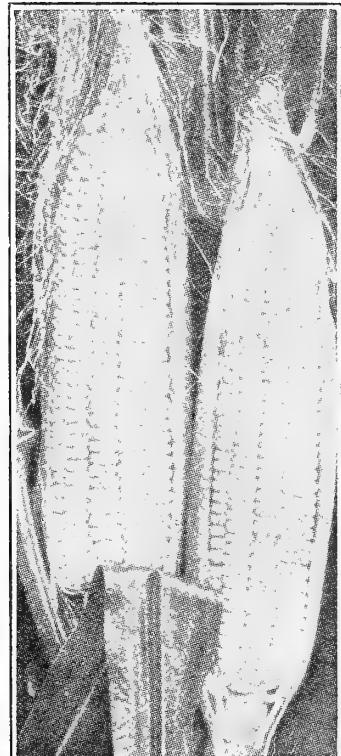
### White Rice

A very handsome and prolific white variety. The ears are 5 to 7 inches long. The kernels are long, pointed and somewhat resembling rice. This excellent, rather late maturing variety yields heavily, and is considered the best pop corn for popping. Pkt. 15c;  $\frac{1}{2}$  lb. 25c; 1 lb. 40c, post paid. Not prepaid, 1 lb. 30c; 5 lb. \$1.25.

### Queen's Golden

The largest pop corn. The stalk grows 5 to 6 feet high and bears 2 to 3 large ears each. It is yellow, but pops perfectly white. Pkt. 15c;  $\frac{1}{2}$  lb. 25c; 1 lb. 40c, post paid. Not prepaid, 1 lb. 30c; 5 lb. \$1.25.

FIELD CORN, SEE PAGES 46-47.



Country Gentleman Sweet Corn

## SOUTHERN COLLARDS

CULTURE—One ounce will produce about 1,500 plants, or 150 feet of row. It produces a plant bearing a mass of leaves on the top of a stout stalk, and is a species of cabbage, and the flavor is the same. It is extensively used for the table, for winter greens, throughout the South. Sow the seed thickly in drills, in rich ground, transplanting when about four inches high. In the South, seed may be sown from January to May and from August to October.

### Georgia White Cabbage

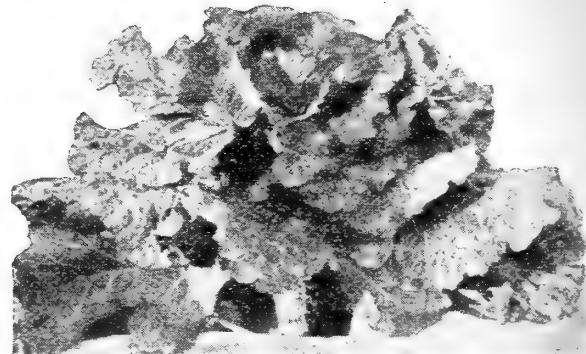
Whiter and more tender than the Blue Stem. Introduced 15 years ago. Three-fourths of them bunch or head up in winter, weighing 10 pounds or more. Plants grow 30 to 40 inches high and as much across. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 80c, post paid.

### Southern or Georgia

This variety is the old-time favorite. It stands all sorts of adverse conditions without injury and will make a good crop where the soil is too poor to grow cabbage, and it makes an excellent substitute for that vegetable. Is very hardy. Stands winter without serious injury. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 75c, post paid.

### North Carolina

A decided improvement, and has proved very popular wherever grown. Has short stem, large spreading leaves, very hardy, notwithstanding drouth in summer and cold in winter. Its flavor and cooking qualities are the best. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 85c, post paid.



Collard, Georgia White Cabbage

## EGG PLANT

CULTURE—One ounce will produce one to two thousand plants. Start the seed in hotbed early in March and when all danger from frost is over and the nights are warm transplant to open ground, allowing 3 feet space between the rows and 2 feet space between the plants in the row. The soil for Egg Plants cannot be too rich. Egg Plant seed require a higher temperature for germination than any other garden vegetables and this temperature should be maintained right along in the hotbed in order to secure strong and healthy plants.

### Black Beauty

Is earlier than the New York Purple, not quite as large. The fruits are rich dark purple, large and symmetrical, and of the finest quality. The fruits set most freely and develop quickly. Pkt. 5c;  $\frac{1}{2}$  oz. 25c; 1 oz. 40c; 2 oz. 75c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.50, post paid.

### New York Improved Purple

A most popular variety; vigorous and productive. Fruits of large size, with smooth, glossy deep purple skin. A most popular variety. Pkt. 5c;  $\frac{1}{2}$  oz. 25c; 1 oz. 40c; 2 oz. 75c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.50, post paid.

EGG PLANT PLANTS, SEE PAGE 2.



Egg Plant, Black Beauty

Endive, Large Green Curled

## ENDIVE

CULTURE—One ounce will sow 300 feet of row. Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use and, for late use, in August and September. When 2 or 3 inches high transplant into good ground or thin out to 1 foot apart. When nearly full grown and before they are fit for the table they must be bleached. This is done by gathering the leaves together with jute twine to exclude the light and air from the inner leaves, which must be done when quite dry or they will rot. By covering fresh plants every few days a succession may be kept up.

### Large Green Curled

A hardy, vigorous growing Endive with bright green, finely cut leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. A most popular variety. Pkt. 5c; 1 oz. 20c; 2 oz. 30c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Giant Fringed or Oyster

This variety is so named on account of it being largely used to decorate or display oysters during the winter in the larger restaurants and oyster houses. It is exceptionally handsome and grows exceedingly large in good soil. When fully grown the center portion can be blanched creamy white in color. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.

## KALE, OR BORECOLE

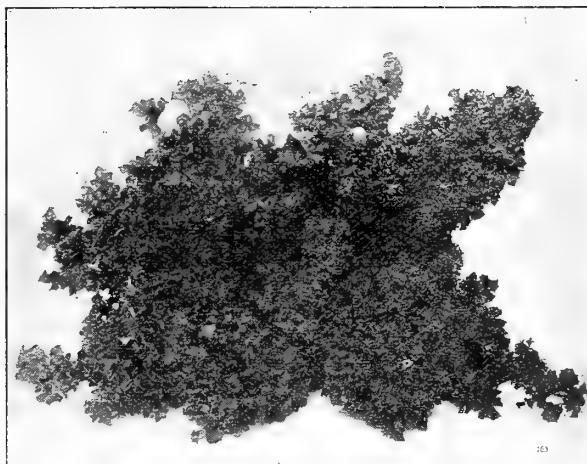
**CULTURE**—One ounce to 200 feet of row; 4 pounds to the acre. Kale is extensively grown in the South during the fall, winter and spring. The leaves are used principally for greens and there is nothing better than a pot of kale boiled with bacon. Where climate permits seed may be sown any time from August to October and again during February and March, broadcast or in drills, 18 inches apart so that the plants when small may be cultivated.

### Dwarf Curled Siberian

A very hardy and vigorous growing variety of spreading habit, its foliage having a distinct bluish tinge. This is the most popular variety grown, especially in the South. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.75, post paid.

### Tall Green Curled Scotch

The plant of this variety grows 3 to 4 feet high, bearing long plume-like light green leaves, which are deeply cut, also finely curled at edges. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.00, post paid.



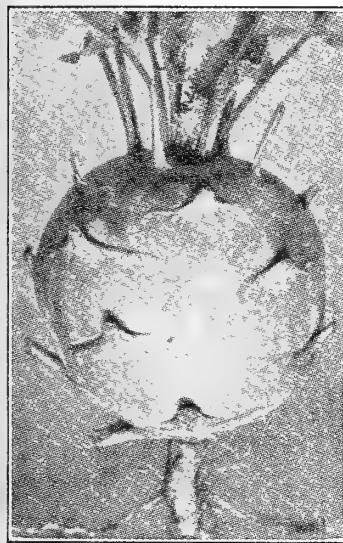
Kale, Dwarf Curled Siberian

## KOHL RABI

**CULTURE**—One ounce will sow 200 feet of row. Seed should be sown in light, rich soil, as early in spring as possible, in row 1½ feet apart and when well established thin to 6 inches apart in the row. Plantings at intervals of ten days will give a succession until hot weather, when they fail to grow well. Plantings may be made the latter part of August for fall use. The edible part of Kohl Rabi is the turnip-shaped bulb formed above the ground.

### Early White Vienna

This variety is extremely early with distinctly small top. The bulbs are of medium size, very light green or nearly white, and are of best quality for the table if used when about 2 inches in diameter. Pkt. 10c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50, post paid.



Kohl Rabi, White Vienna

## LEEK

**CULTURE**—One ounce will sow 100 feet of row. This belongs to the onion family, and is a good fall and winter substitute for green onions. The leaves are flat and the stems are very large, cylindrical and bulbous. Sow early in spring in drills 12 to 15 inches apart, covering  $\frac{1}{2}$ -inch deep, in good rich light soil. Thin plants to 6 inches apart in the row and draw the earth about them when cultivating.

If one desires very white and tender leeks transplant when about 6 inches high, setting 4 inches apart in the trenches and about 2 feet apart and gradually earth-up like celery.

### London Flag

This well-known broad-leaved leek is hardy, productive, of good quality and is extensively cultivated in this country and is a favorite sort with the market gardeners and is also extensively used for the home garden. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.75, post paid.

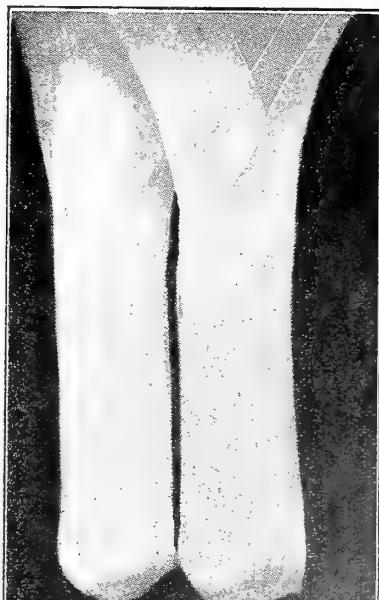
## HORSE RADISH

Horse Radish rarely produces seed, but is grown from pieces of the root. For the home garden they may be set wherever a few feet of space is available, but when grown as a crop they should be set in rich, moist, well-prepared ground, in rows 2½ feet apart and about 18 inches apart in the row. Set the roots vertically, small end down, and the top of the root 1 to 3 inches below the surface of the ground. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds. The standard market variety. Doz. 50c; per 100 \$2.75, post paid. By express, doz. 40c; 100 for \$2.50.

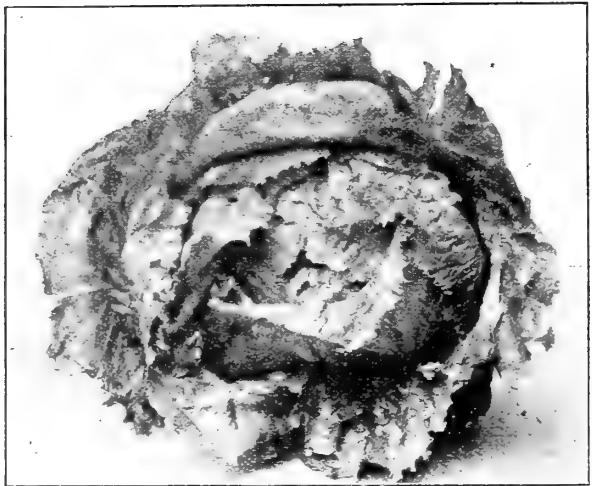
## HERB SEEDS

Sow seeds in shallow drill a foot apart, and when up thin out and transplant to a few inches apart.

	Packet, Parcel Post Paid
BASIL SWEET—For flavoring soups .....	\$0.10
DILL, MAMMOTH—Used for flavoring pickle .....	.05
LAVENDER—For oil and distilled water .....	.10
MARJORAM, SWEET—Used in seasoning meats .....	.10
ROSEMARY—Aromatic leaves are used for seasoning .....	.10
SAVORY, SUMMER—Used as a culinary herb .....	.10
SAGE, BROAD LEAVED—A popular flavoring plant .....	.10
THYME—Much used for seasoning .....	.10



Leek, London Flag



Hanson Lettuce

### Hanson

A fine, large-heading variety. Leaves curled on the edges; light yellowish-green in color. The head is crisp and brittle and flavor excellent. Is the very best house garden variety in existence, and much the finest variety of its class. Allow 12 inches for each head. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.25, post paid.

### Way-Ahead

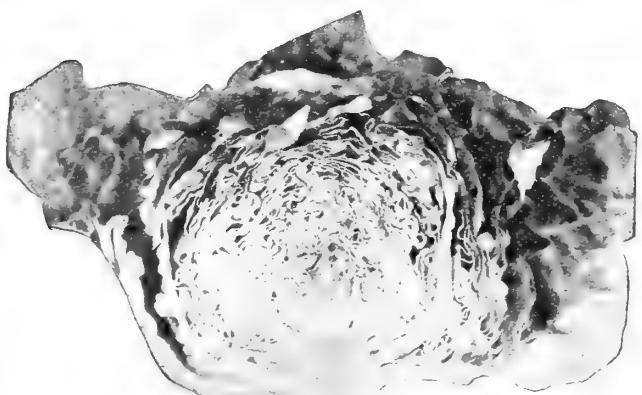
This is one of the earliest and one of the surest heading of all early lettuce. It is of the very finest quality and handsome in appearance. The outer leaves are a light green, with the inner head finely blanched to a rich, buttery yellow. Way-Ahead stand a longer time before seeding than other early head varieties. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 65c; 1 lb. \$1.85, post paid.

### Large White Cabbage Head

A desirable variety for summer or fall use, forming very large, compact and beautiful heads. Color light green, stands both heat and drouth remarkably well; very highly recommended. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.00, post paid.

### New York, or Wonderful

This is now the most popular of main crop head lettuce. The heads are very large, wonderfully solid, crisp, tender and free from bitterness. The heads frequently weigh 2 pounds. They are very solid and of an attractive light green color. It is a sure heading variety and stands a long time in the field. For a fine head lettuce, try New York. Pkt. 5c; 1 oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50.



New York or Wonderful

## LETTUCE

**CULTURE**—One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as early as the ground can be put in good shape. Sowings may be made in open ground from April until July and again at the end of August for fall supply. Lettuce should be transplanted in rich, moist ground in rows 2 feet apart and plant 1 foot apart in the row. As the quality depends largely upon quick growth, frequent cultivation should be given to encourage it. When wanted as a cut salad, sow the seed thickly in rows or broadcast.

### Early Prize Head

A large clustering, non-heading lettuce, most excellent for the home garden and undoubtedly the most easily grown variety in cultivation. It is too tender, however, to stand shipping or handling on the market. The leaves are finely curled and crumpled, bright green tinged with brownish red, and are very crisp, tender and sweet. Pkt. 5c; 1 oz. 20c; 2 oz. 30c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.25, post paid.



Schwill's Big Boston Lettuce

### Schwill's Big Boston

Our strain of this very popular variety is unsurpassed. Plants are large and vigorous. Can be sown in the open ground in the spring or fall, or in frames for early spring planting, does particularly well in cold weather, and is especially recommended for fall planting in the South. Is very popular with gardeners and truckers. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.25; 5 lb. \$5.25, post paid.

### Deacon

This is an excellent summer variety. The head is of large size, is very firm and remains in condition for use a long time. The plant is very compact, with few outer leaves which are usually very smooth, thick and of light green color. The inner leaves blanch to a bright, rich yellow and are crisp, buttery and very well flavored. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.25, post paid.

### Iceberg

A large, crisp lettuce, always tender. Iceberg stands hot weather remarkably. Give each head 14 inches in a row. The color is light green, lightly tinged with brown. Try this either for home or market gardens. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.85, post paid.

### California Cream Butter

A popular variety for autumn and winter use. Forms a very large head, which is very buttery, and of a rich golden-yellow inside. The leaves are thick and bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 65c; 1 lb. \$1.85, post paid.

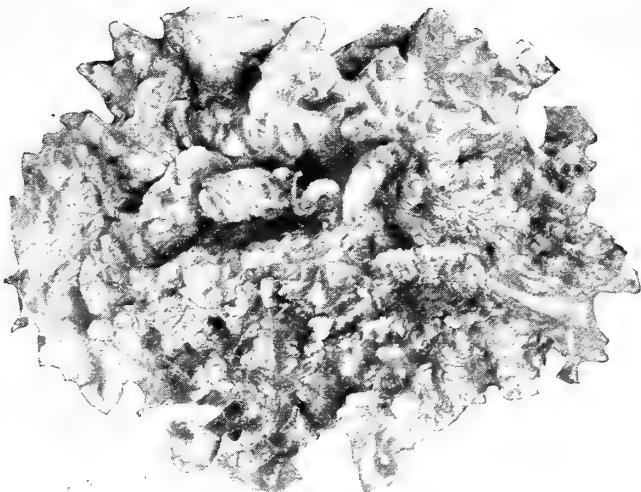
### Hubbard's Market

An excellent heading variety for forcing or open ground; heads globular, very firm and well blanched; leaves broad, fairly blistered and crumpled, thick and stiff; color medium green; quality the best. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.25, post paid.

## LETTUCE

### Mignonette

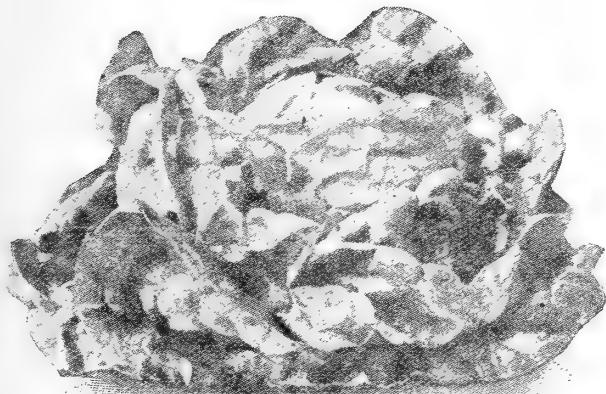
Is small and has tightly set leaves which makes a small, extremely solid head. It is sweet in flavor and tender. Mignonette is excellent when forced in a hot house or grown in the open. The plants can be set closely, 5 inches apart, because of the compact growth. Early, tender and delicious. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 65c, post paid.



Early Curled Simpson Lettuce

### May King

This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish-brown when mature. The inner leaves blanch rich golden yellow, very tender and buttery. The plant is very compact for so large a head. The variety is exceptionally early outdoors, attaining a size suitable for use before other sorts and is also very satisfactory for forcing. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.



Lettuce, May King

### Golden Queen

An early, small heading variety; heads compact, somewhat pointed and well blanched; leaves broad, blistered and crumpled; color beautiful rich, very light green, with no brownish tinge; quality very fine. Pkt. 5c; 1 oz. 40c, post paid.

### Early Curled Simpson or Silesia

This is the old favorite popular loose head variety, of dwarf, compact habit and quick growth. The curly leaves are large, yellowish green with finely curled edges. Very crisp and tender. Matures early, quite hardy and withstands heat and drouth. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.25, post paid.

### Paris White Cos

This is distinct from the ordinary lettuce, and is much liked on account of its crisp, tender quality and delicate flavor; grows to very large size, producing long, pointed, compact bunches. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 60c, post paid.

LETTUCE PLANTS—PAGE 2

## MUSHROOMS

Mushrooms are considered a great delicacy by everyone and are always in much demand at fancy prices. Many are devoting their spare time to mushroom culture and are getting big returns for their labor. Nearly everyone has some unused place that might be devoted to mushroom growing. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees. We furnish with each order a leaflet giving complete cultural directions. One brick is required for 10 square ft. of bed. It is put up in bricks weighing about  $1\frac{1}{4}$  lbs. each.

### Lambert's Pure Culture Spawn

A new departure in the cultivation of mushroom spawn. This method insures the reproduction of a certain type, free from all inferior sorts, that will largely increase the yield and produce the very best mushrooms. 1 brick 40c; 5 bricks \$1.75, post paid. Not prepaid, 1 brick 35c; 5 bricks \$1.50. Price in large quantities on application.

## MUSTARD

CULTURE—One ounce will sow about 80 feet of drill. For early salad sow in February and for general crop, at intervals through the spring, in rows 6 inches apart, and rather thick in rows.

### Chinese Mammoth

A European variety, with light green very large leaves. It has not the same taste as the large-leaved or the large curled, but will stand longer before going to seed. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c; 5 lb. \$3.25, post paid.

### Southern Giant Curled

The favorite kind here, sown largely for the market. Leaves are pale green, large and curled or scalloped on the edges. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 20c; 1 lb. 50c; 5 lb. \$2.40, post paid.

### Elephant Ear

This is a splendid variety for the market gardeners and amateurs, and will surely give satisfaction wherever planted. The leaves are smooth, very large, and always tender and succulent, makes a large plant. Pkt. 5c; 1 oz. 15c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 75c, post paid.



Mushroom Spawn

## WATERMELONS

CULTURE—An ounce will plant 40 hills; 2 to 3 pounds will plant an acre. Watermelons delight in a light sandy soil. Plant when danger from frost is over, in hills 8 to 10 feet apart each way. Put from 10 to 15 seeds in each hill and when well started thin out to the two best plants. In this latitude we plant the seed about the middle of April. The bugs will require careful watching or they will eat up the plants before they get started. Do not make a big "hill" when sowing the seed; it is much better to have the "hills" level with the surface of the ground.

### Improved Kleckley Sweet

This famous sweetest of all watermelons, introduced several years ago, has become immensely popular, and no doubt is more universally grown than any other sort. While the skin is too tender to admit of the fruits being shipped any great distance to market, it is most desirable to plant for home use or nearby markets. Fruits are oblong in form, dark green skin, very thin rind. Flesh bright scarlet, with broad, solid heart. Flesh crisp, sugary and melting, entirely free from stringiness. The melons average from 18 to 22 inches in length, by 10 to 12 inches in diameter, of handsome appearance and superior quality. The melons ripen quite early. Seed supply this year very short—order early. Pkt. 10c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00, post paid.

### Kleckley's Sweet

This very popular melon is one of the best for nearby markets. Fruits are medium size, oblong, of a dark green color and have very thin rind. Flesh bright scarlet with solid heart, crisp, sugary and melting, and entirely free from stringiness. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.00; 5 lbs. \$4.00, post paid.

### Halbert Honey

A large, attractive, oblong shape; rind dark green, flesh crimson; very sweet and tender. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.25, post paid.

### Jackson Watermelon

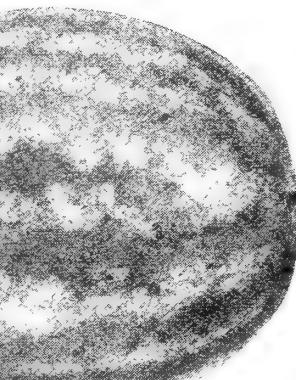
If asked to name the sweetest melon for home use, we would name the Jackson. It is a long melon, with mottled green skin, firm red meat and ripens close to the rind. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c, post paid.

### Irish Grey

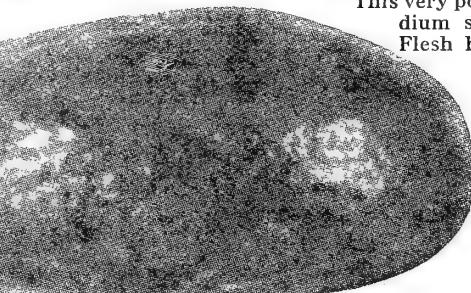
A distinct and very valuable melon, the productivity is wonderful, producing more good merchantable melons under the same conditions than any other variety, the eating quality is all that could be desired in a watermelon, the sparkling red flesh is very sweet and entirely free from hard centers or stringiness, yet the flesh is very firm and compact and will not break when sliced. Uniformly large, rind yellowish gray, and earlier than Tom Watson. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.25, post paid.

### Georgia Rattlesnake

Large, oblong, striped; flesh red, of fine quality. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lbs. \$3.25, post paid.



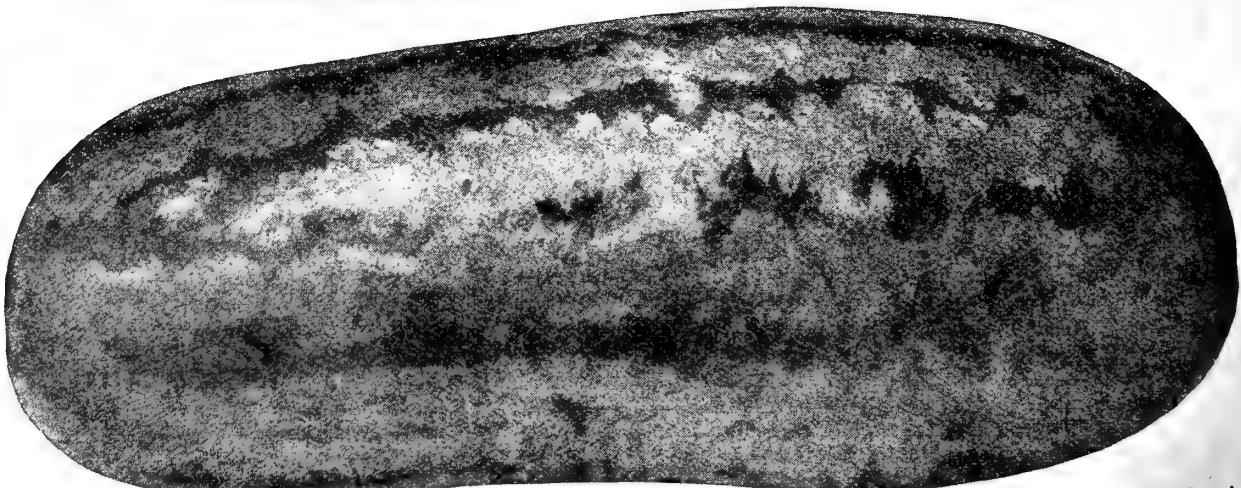
Cuban Queen Watermelon



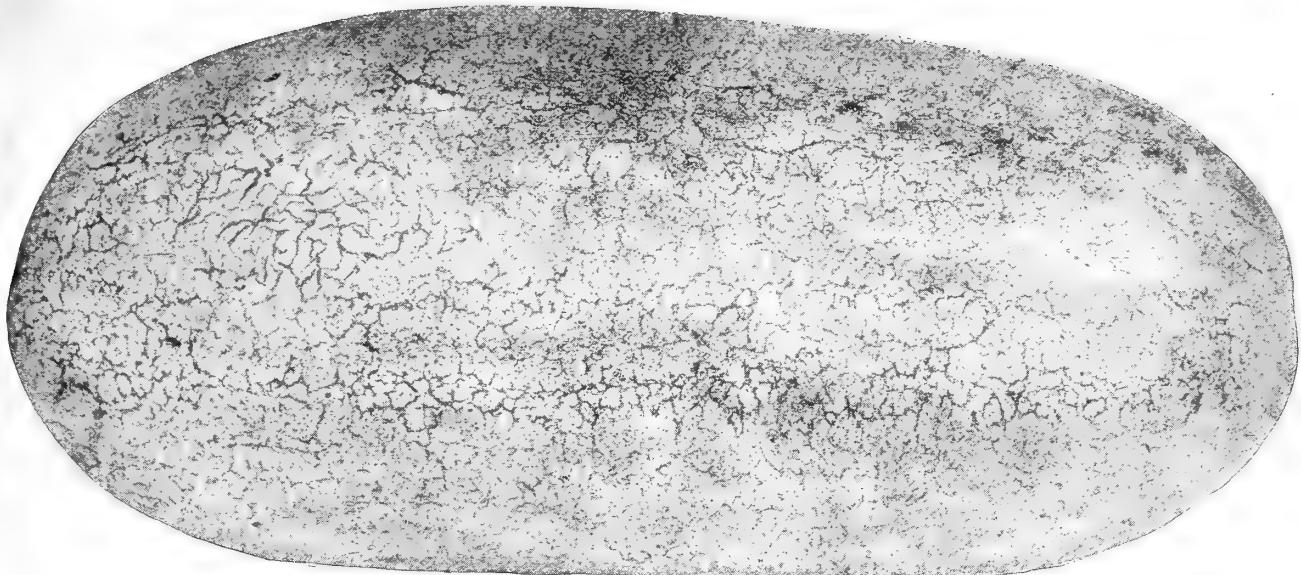
Halbert Honey Sweet Watermelon



Improved Kleckley Sweet Watermelon



Watermelon, Georgia Rattlesnake



Watermelon, Special Tom Watson

### Special Tom Watson

This seed is saved from the most perfect melons, none weighing less than 40 pounds each, and from many that weighed 70 pounds each. This seed is then graded and cleaned, and consequently will produce finer and larger melons than the regular stock. If you want something extra, order this special stock this season. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25; 5 lb. \$5.50, post paid.

### Green and Gold

Flesh bright golden yellow, skin beautiful green, shape slightly elongated. No melon is as sweet and delicious. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$1.50, post paid.

### Sweet Heart

Popular for market. Large heavy fruits of oval or round form; skin very pale green, with distinct netted lines of a slightly darker shade. The melons bear shipping well. The solid flesh is a deep red. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c, post paid.

### Preserving Citron

Planted only for preserving. Round, striped fruit; flesh white and very solid; makes an excellent preserve. Red seeded. Pkt. 5c; 1 oz. 25c; 2 oz. 40c, post paid.

### Black Diamond

Immense size; grows to average 75 to 90 pounds; rich, dark green, uniform, round to oval shape; flesh deep red, of fine quality. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 90c; 5 lb. \$4.00, post paid.

### Cuban Queen

Grows to a large size, oval in shape, skin marked regularly, flesh crisp, juicy and sugary. Pkt. 5c; oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c, post paid.

### Harris' Earliest

Extra early, medium size, oval shaped with mottled broad stripes of light and dark green. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00, post paid.

### Florida Favorite

Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.00, post paid.

### Angel Kiss

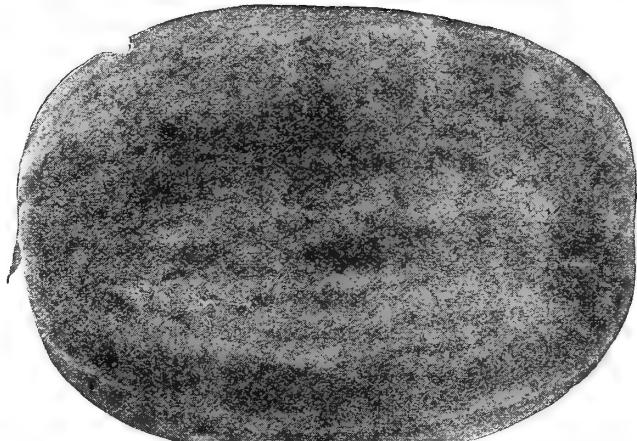
One of the earliest and best tasting melons in existence. With flesh of the deepest indescribable crimson, delightfully sweet and refreshing. It grows from medium to very large, very long in shape and grayish white in color; handsome and attractive. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 30c; 1 lb. 85c, post paid.

### Tom Watson

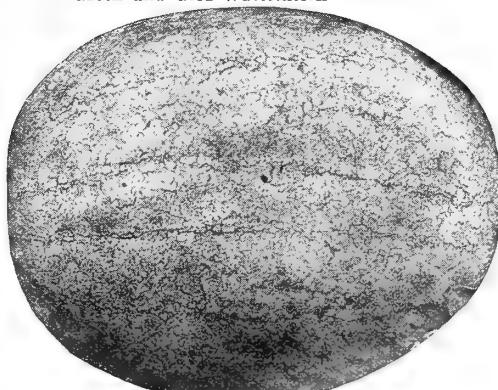
Shape long, color of rind dark green, which is thin but very firm, making it a fine shipper. Flesh is bright red, firm and very sweet; has taken the lead over all other shipping melons. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 30c; 1 lb. 75c; 5 lb. \$3.00, post paid.



Angel Kiss Watermelon



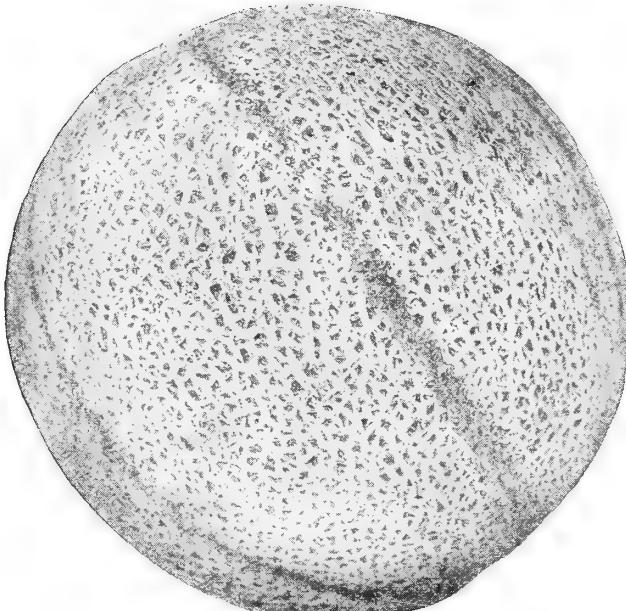
Green and Gold Watermelon



Watermelon, Black Diamond

## MUSKMELON, OR CANTALOUE

CULTURE—One ounce will plant about 50 hills; 2 lbs. to the acre. Melons thrive best in a light, rich soil. Plant late in April or early in May, when ground has become warm and dry, hills about 5 ft. apart each way. Previous to sowing seed mix a few shovelfuls of well-rotted manure in each hill, plant in each 12 to 15 seeds; when they begin to vine, thin to 3 or 4 of most thrifty plants.



Mammoth Rocky Ford Cantaloupe

### Prolific Netted Nutmeg

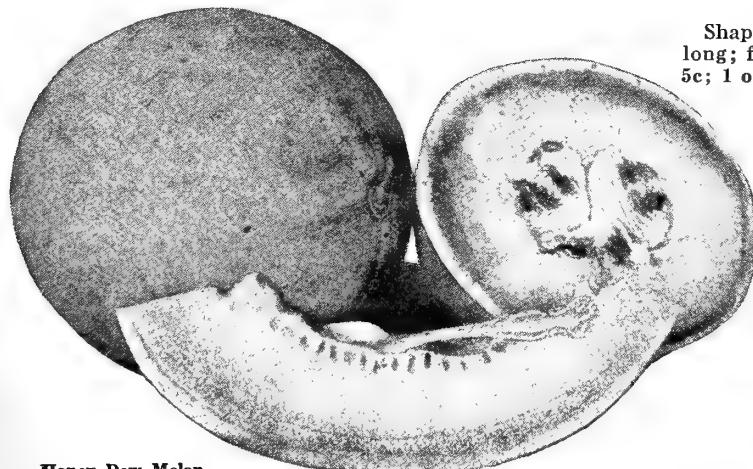
This splendid melon is one of the very best varieties for either home use or the market. It has a very small seed cavity, deep green flesh and is of very uniform shape, average about 5 inches. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25, post paid.

### Rocky Ford

We have an especially fine, improved strain of this popular melon as now grown at Rocky Ford. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy gray netting; flesh thick and deep green, showing a faint lining of pink or gold at the center; of the highest quality. An excellent shipping sort. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25, post paid.

### Mammoth Rocky Ford

The general type of this melon is similiar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.



Honey Dew Melon

### Early Netted Gem

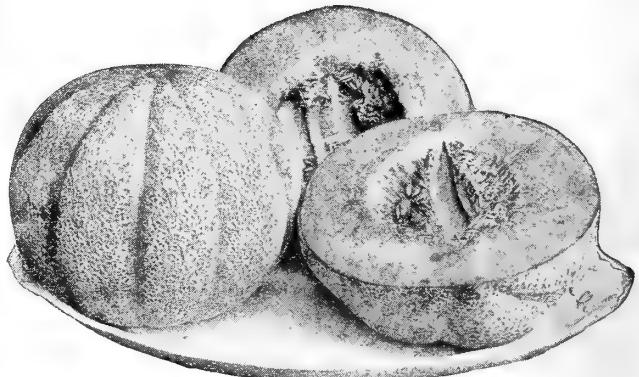
Grows medium size, and in flavor and sweetness is unexcelled by any other sort; shape nearly globular; well covered with coarse netting; well ribbed; flesh sweet and sugary to the rind. One of the earliest. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25, post paid.

### Baltimore or Acme

A fine early, oblong, green-fleshed variety, of good size; noticeably ribbed and heavily netted. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25, post paid.

### Pink Meat Rocky Ford

This is very similar to Rocky Ford, excepting it has a yellow or salmon-colored flesh instead of the green flesh. It grows to a very desirable size, is closely netted, slightly ribbed, with a dark green skin. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.



Prolific Netted Nutmeg Cantaloupe

### Osage, or Miller's Cream

A rather large, main crop, oval melon of very superior quality; fruit dark green, slightly ribbed and well covered with a shallow, gray netting; flesh rich orange-salmon, exceedingly thick, with a small seed cavity. One of the best melons to grow. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25, post paid.

### Tip Top

In shape varies from round to slightly oblong; rather large in size and somewhat late in maturing. Skin pale green, distinctly ribbed and lightly netted; flesh deep rich salmon, sweet and spicy. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Banana

Shaped somewhat as name indicates; grows about 2½ feet long; flesh deep salmon colored and of only fair quality. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.

### Honey Dew Melon

This new melon is unlike the ordinary muskmelon or cantaloupe, both in appearance and flavor, the outer skin being smooth, hard and nearly white. The melons are large, round to oval in shape, extremely thick-meated and have a very small seed cavity; flesh is light green, very solid and of a rich honey-like flavor, luscious and juicy, much more so than any variety of muskmelons. It is an excellent keeping melon and fruits may be laid away for use late in the fall when they will be greatly appreciated, not only for their delightful flavor, but because the other varieties of melons are gone. Pkt. 10c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.

## ONIONS

**CULTURE**—One ounce will sow 100 feet of drill; 6 pounds will plant 1 acre. A deep, rich soil, thoroughly worked is best for this crop. For large, fancy onions, sow in January or February, in hotbeds or trays. As soon as the weather opens and the sets are the size of a goose quill plant in rows 12 inches apart and 4 to 6 inches between the onions. For main crop, sow in the open ground in March and April in drills 12 inches apart, thinning out afterwards to 3 or 4 inches apart.

### Prizetaker

One of the largest onions grown and the mildest; is productive and a sure cropper; bulbs are globe-shaped and of light straw color. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25, post paid.

### Yellow Globe Danvers

A well known standard sort of excellent color, and because of its small neck, cures well and makes a splendid keeper. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00, post paid.

### Large Red Weathersfield

A fine, large, rather flat sort, of a deep purplish-red color; noted for its productiveness and keeping qualities. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00, post paid.

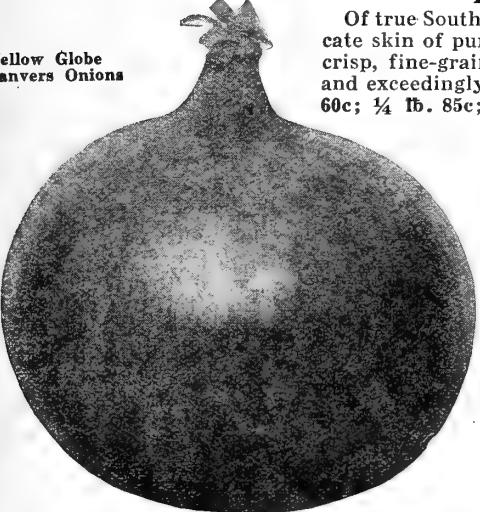
### Southport Red Globe

The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped, with small neck, and are excellent keepers; color a deep purplish red. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 70c; 1 lb. \$2.25, post paid.

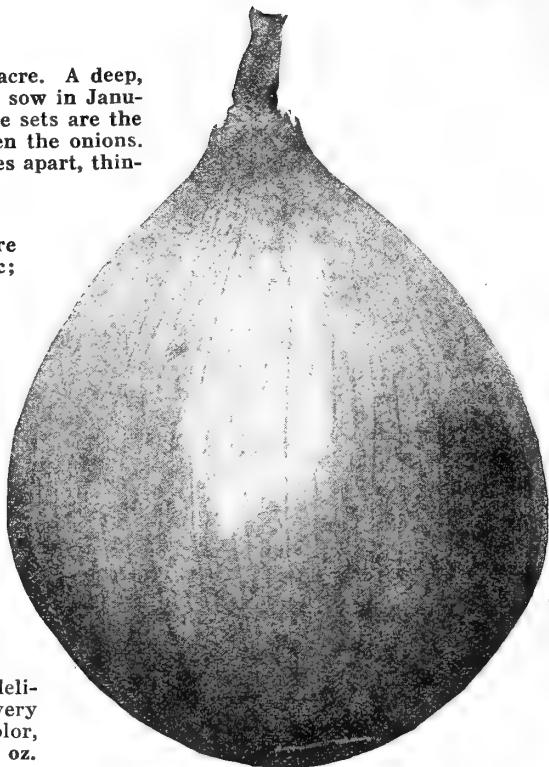
### Southport White Globe

Of true Southport Globe form, with thin, delicate skin of purest paper whiteness; flesh very crisp, fine-grained and snowy white in color, and exceedingly mild. Pkt. 5c; 1 oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. 85c; 1 lb. \$3.00, post paid.

Yellow Globe  
Danvers Onions



Southport Red Globe Onion



### White Silverskin

Sometimes called Portugal. A large flat, white onion, of mild and pleasant flavor; hard and fine-grained. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.75, post paid.

### Crystal White Wax

Earliest of the Bermuda varieties; makes large, flat onions so mild and sweet can be eaten like apples. Pkt. 5c; 1 oz. 40c; 2 oz. 65c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.00, post paid.

### Red Bermuda

In shape and size, also in flavor, exactly like Yellow Bermuda, differing only in color, which is pale red. Pkt. 5c; 1 oz. 30c; 2 oz. 50c;  $\frac{1}{4}$  lb. 90c; 1 lb. \$3.00, post paid.

## ONION SETS

**CULTURE**—Plant 4 ins. apart, in rows  $\frac{1}{2}$ -in. deep and 1 ft. between rows, but do not cover sets entirely, except the Potato Onion, which should be planted in rows 2 ft. apart and 9 ins. apart in row, cover 1 inch. All onion sets are sold 32 lbs. to bu. and are subject to market changes. One qt. weighs 1 lb.

White Silverskin .....	1 qt. 25c; 4 qts. 85c, post paid
Red Weathersfield .....	1 qt. 20c; 4 qts. 75c, post paid
Yellow Danvers .....	1 qt. 20c; 4 qts. 75c, post paid
Yellow Potato .....	1 qt. 40c; 4 qts. \$1.25, post paid
White Multiplier Sets .....	1 qt. 40c; 4 qts. \$1.25, post paid

FOR PRICES IN LARGER QUANTITIES, SEE PRICE LIST, PAGE 81

## OKRA

**CULTURE**—One ounce sows 50 ft. of drill. Extensively grown in the South, and should be better known, as it is a delicious vegetable. The young green pods make a healthful and delicious soup and, when pickled, are a fine salad. Sow after the weather has become warm in rows 3 feet apart, 2 feet apart in the rows. Will succeed in any good garden soil.

### White Velvet

Bears round, white, smooth pods, unlike other varieties, which are ridged or square-edged. Pods are large and are produced in great abundance. The market gardeners' favorite. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 65c, post paid.

### Early Dwarf Green

Of dwarf growth but immensely productive. The pods are tender, of best quality, and are borne throughout the season. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c, post paid.

### Tall or Long Green

Pods long, slender, dark green, and ridged; very tender and is a most popular green variety. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c, post paid.



White Velvet Okra

## PUMPKINS

CULTURE—One pound will plant 40 to 50 hills; 5 pounds will plant one acre. Plant in hills 8 to 10 feet apart each way, four seed to the hill. For a good crop the soil should be rich. Cultivate same as cucumbers or melons. Pumpkins should not be planted in the garden as they will readily mix with squash, much to the detriment of same. Many pumpkins are raised between corn hills, where they should be planted about 15 ft. apart.

### Kentucky Field

Large, round, flattened fruits, much ribbed and creamy-buff in color; flesh is salmon color and very deep; of fine quality and one of the best for canning. Also grown extensively for stock, in the South. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 20c; 1 lb. 50c; 5 lb. \$2.00, post paid.

### King of Mammoth

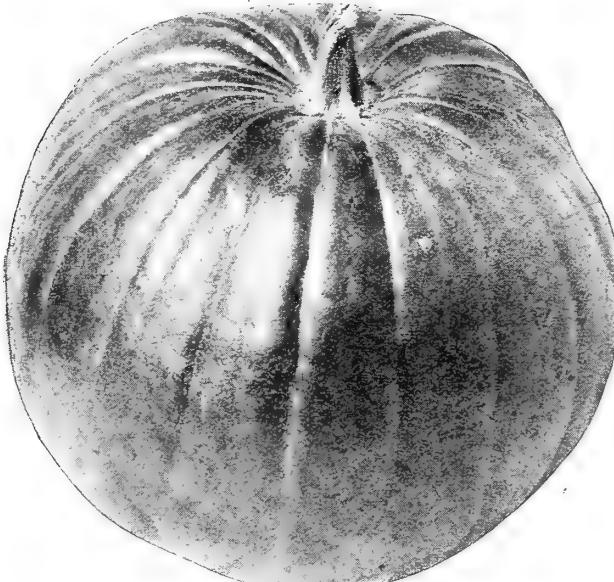
The giant among pumpkins; specimens have been grown to weigh 250 pounds and reaching 2 feet or more in diameter. Fruits are almost round, skin orange-colored and slightly rough. Flesh deep and yellow, quality excellent. A fine variety to plant, where only a few hills are wanted. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.

### Connecticut Field

Generally used for planting in corn for stock feeding, and also for making pies. Fruit rather oblong, flattened at the ends; often 15 inches in diameter; smooth, hard, reddish-orange skin with rich orange-yellow flesh. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00, post paid.

### Japanese Pie

Shaped somewhat like the Cushaws and grows to a large size; skin deep green with dark stripes and rough ridges on the neck; flesh deep yellow and of the highest quality; seeds sculptured like Chinese letters. This is one of the best varieties to plant for home use. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.



Kentucky Yellow Field Pumpkin

## PARSNIPS

CULTURE—One ounce will sow 200 feet of drill; 5 pounds required for 1 acre. Like all root crops, they do best on a deep, rich, sandy soil, but will make good roots on any soil that is deep and mellow. As the seed is sometimes slow to germinate, it should be sown as early as possible in spring, in drills 2 to  $2\frac{1}{2}$  ft. apart; cover with  $\frac{1}{2}$  inch soil and press the seed down firmly. Thin the plants to 5 or 6 to the foot; cultivate frequently during the summer to insure rapid growth. In fall the roots may be taken up and stored in root cellars or pits for winter use.

### Sugar, or Hollow Crown

As the name indicates, the tops grow out of a hollow in the crown. The roots are very long, white, tender and sweet. A very popular variety. Pkt. 5c; 1 oz. 20c; 2 oz. 30c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.00, post paid.

### Long Smooth

Roots are very long, sugary and of most excellent flavor. This variety is very hardy, making good crops where others fail. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.



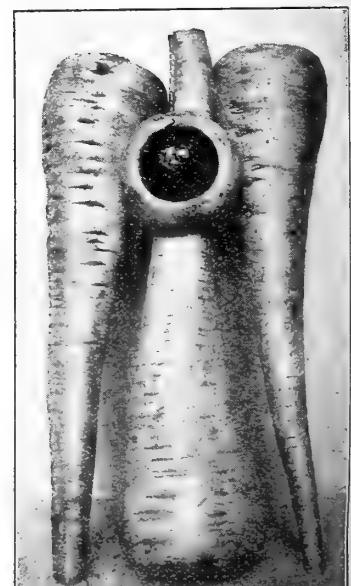
Striped Cushaw Pumpkin

## Tennessee Sweet Potato

Of medium size and nearly bell-shaped, with neck slightly crooked, skin creamy white, sometimes slightly striped with green, flesh creamy white, deep, fine-grained, and of excellent quality. One of the favorite old Southern sorts. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

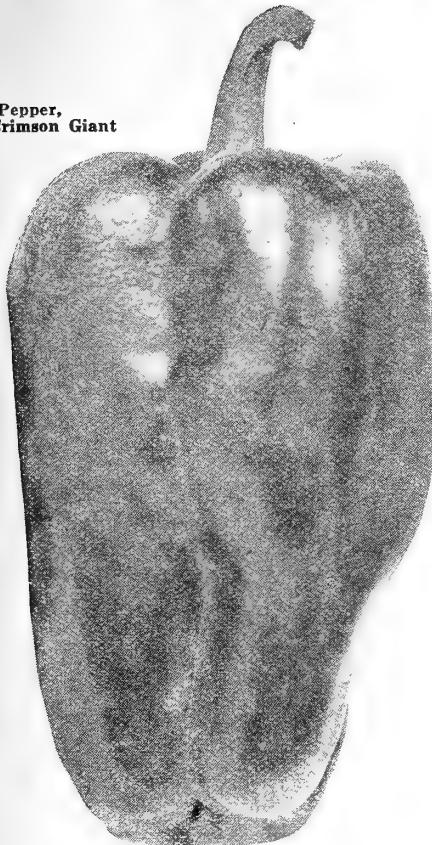
### Striped Cushaw

This pumpkin is of the crookneck type with mottled green and white stripes. The neck is rather small. Fruit often attains a weight of 15 pounds; flesh is yellow, very solid and fine-grained. An excellent variety for culinary purposes. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.



Sugar or Hollow Crown Parsnip

Pepper,  
Crimson Giant



## PEPPERS

**CULTURE**—One ounce will produce about 1,000 plants. Sow in hotbed in March and transplant to the open ground as soon as the weather is warm and settled. Set in 3-foot rows about 2 feet apart. Cultivate well and keep free from weeds; hen manure or Schwill's Truck Grower Fertilizer worked into the soil when the plants are young will greatly increase the yield.

### Chinese Giant

Plant dwarf, fruit of mammoth size, very broad but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Pkt. 5c;  $\frac{1}{2}$  oz. 30c; 1 oz. 50c; 2 oz. 85c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.75, post paid.

### Crimson Giant

An early maturing large size sweet pepper, similar in shape to Chinese Giant, but much longer, and flesh thicker. It is exceptionally mild and very prolific; earlier than the Chinese Giant. Pkt. 5c;  $\frac{1}{2}$  oz. 30c; 1 oz. 50c; 2 oz. 85c;  $\frac{1}{4}$  lb. \$1.50; 1 lb. \$5.00, post paid.

### Ruby King

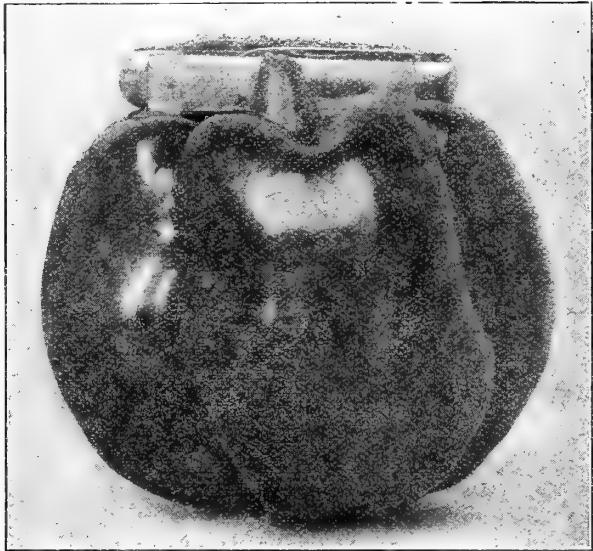
A pepper of large size, well known and much esteemed by truck growers. When ripe, its color is a beautiful ruby red, very attractive and of good quality. Pkt. 5c;  $\frac{1}{2}$  oz. 20c; 1 oz. 30c; 2 oz. 50c;  $\frac{1}{4}$  lb. 90c; 1 lb. \$3.00, post paid.

### Bell or Bull Nose

A well known variety; large and oblong, bright crimson, and a good bearer; not as sweet as the Chinese Giant. Pkt. 5c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. \$1.00, 1 lb. \$3.50, post paid.

### Pimento

This is a heart-shaped variety, most all meat. Very mild and of elegant flavor. Requires rich



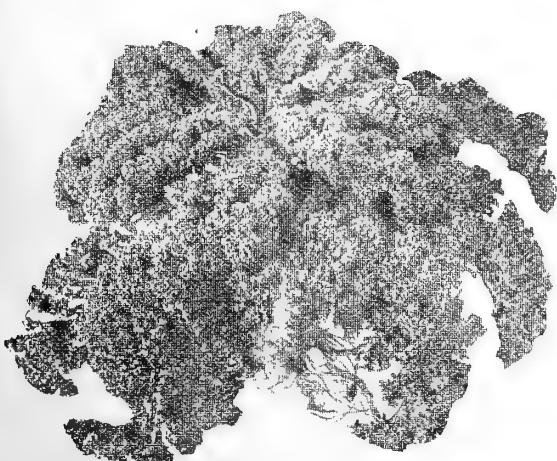
soil and plenty of moisture to make fruits grow to perfection. This is the variety used by canners. Pkt. 5c;  $\frac{1}{2}$  oz. 20c; 1 oz. 30c; 2 oz. 50c;  $\frac{1}{4}$  lb. 90c; 1 lb. \$3.00, post paid.

### Royal King

This is a cross of Ruby King and Chinese Giant, which has made it a very attractive variety; it grows to a large size, of very handsome appearance, of a bright scarlet color when fully ripe and is exceedingly mild, thick, sweet and so mild that it can be eaten raw from the hand. Splendid for stuffing. The strain that we grow runs uniform and true, and is pronounced by market gardeners and shippers to be the finest strain on the market. Pkt. 10c; 1 oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.50, post paid.

### Bird's Eye or Creole

Very hot, small, roundish pods; used for pepper vinegar. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; 1 oz. 60c, post paid.



Parsley, Double Curled

Chinese Giant Pepper

### Red Chili

Small and very pungent, used for chili sauces. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; 1 oz. 60c, post paid.

### Long Red Cayenne

Bright red, long in shape, very pungent. Pkt. 5c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.50, post paid.

### Tabasco

Very pungent and strong. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; 1 oz. 60c; 2 oz. \$1.00;  $\frac{1}{4}$  lb. \$1.75, post paid.

PEPPER PLANTS—See Page 2.

## PARSLEY

**CULTURE**—One ounce will sow 150 feet of drill. Sow early in the spring in drills a foot apart. The seed germinate slowly, often 2 or 3 weeks will elapse before the plants will make their appearance. Often fails entirely in dry weather. Thin to 6 or 8 inches, keep the soil loose.

### Double, or Curled

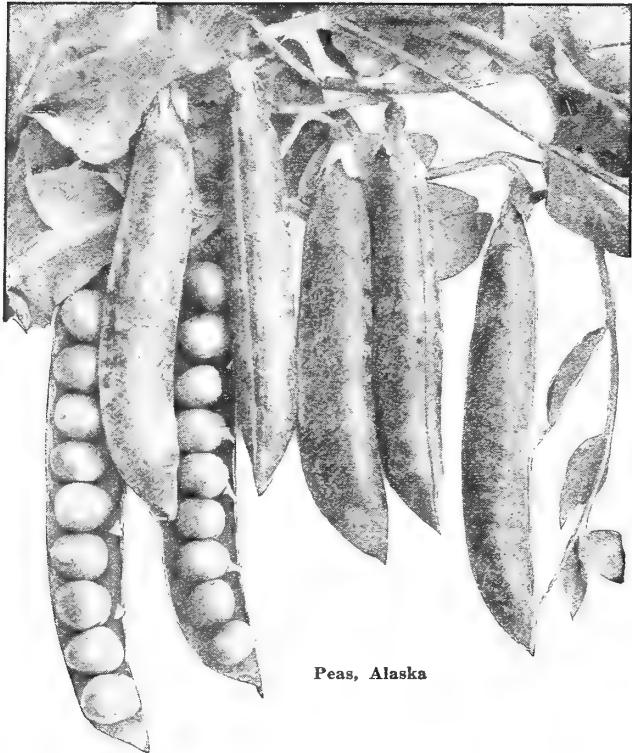
Leaves crimped or curled; used principally as a garnish. Pkt. 5c; 1 oz. 15c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 85c, post paid.

### Plain, or Single

Stronger in flavor than the curled varieties. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00, post paid.

## SCHWILL'S GARDEN PEAS

CULTURE—One quart will sow about 125 ft. of drill. Sow the extra early, smooth varieties as early in spring as possible, in rows 3 feet apart. Peas should be rather crowded in the rows. The soil should be rich, but light and warm; cultivate several times, as this increases the yield considerable. Most peas do best if given a support of brush or other material. The wrinkled sorts marked (\*) are more sensitive to cold and should never be planted before March 1. For larger crop of peas, try Farmogerm, see page 59.



Peas, Alaska

### First and Best

Its extreme earliness has made it a general favorite for years. As it matures with unusual uniformity, succession sowings of a few days apart are recommended. The vines are vigorous, hardy, average 30 inches in height, each bearing upwards of 7 pods about 2½ inches long. Pods contain 5 to 7 peas. Peas are medium size, smooth and of fine quality. Flavor excellent and sweet. The peas when dry are small, smooth and yellowish white. ½ pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid, ½ pt. 15c; pt. 30c, qt. 50c.

### \*Gradus, or Prosperity

This pea is an extremely early large-podded, wrinkled variety, which matures only a few days later than the little round-seeded, small-podded varieties. The vines are nearly 4 feet high and the pods are very large, well shaped and pointed. The peas are large and light green in color. One of the best sort for the garden. Ready to use in about 70 days. ½ pt. 20c; pt. 35c; qt. 70c, post paid. Not prepaid, ½ pt. 15c; pt. 30c; qt. 60c.

### Prolific Early Market

A smooth, white-seeded variety, extra early, bearing very many large pods nearly 3 inches long, blunt-ended and of light green color, well filled. This is a productive strain of First and Best. ½ pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

FOR PRICES IN LARGER QUANTITIES, SEE PRICE LIST,  
PAGE 81.

### \*American Wonder

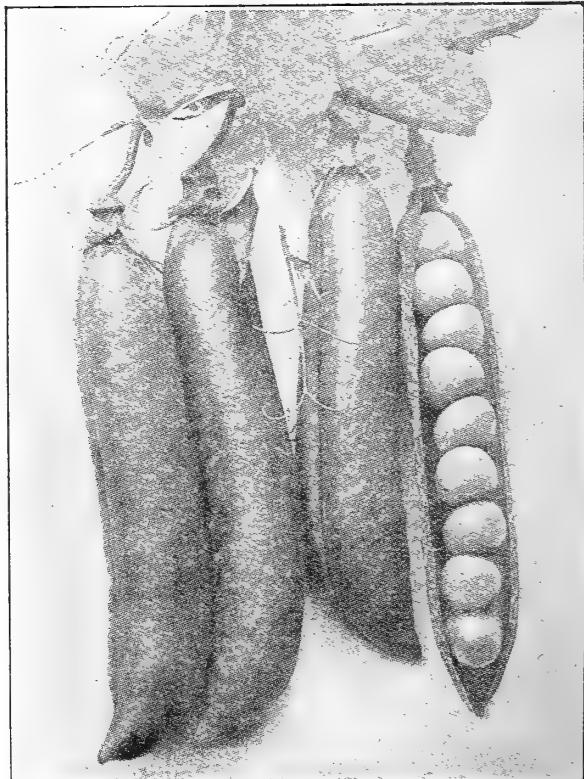
The earliest of the dwarf, wrinkled sorts. The vines are 9 to 12 inches high and produce a good crop of well filled pods, nearly 3 inches long, containing 5 to 7 large peas. Very sweet and tender. The seed is pale green, flattened and wrinkled. Matures in about 65 days. ½ pt. 20c; pt. 35c; qt. 70c, post paid. Not prepaid, ½ pt. 15c; pt. 30c; qt. 60c.

### Alaska

This is the earliest of all small podded peas. Universally used for first planting; the vines are a distinctive light green, and from 2 to 3 feet high. Pods are dark green, about 2½ inches long, straight and well filled with small, smooth blue-green peas of excellent flavor. This pea is a heavy yielder and a favorite among market gardeners. Requires about 60 days to mature. ½ pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

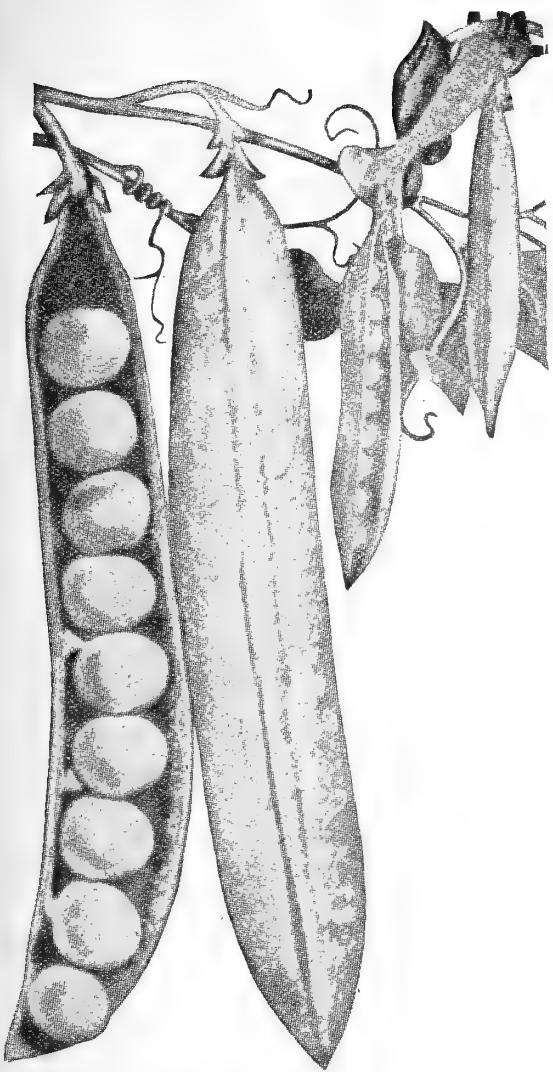
### Ameer, or Large Alaska

A fine variety which is rapidly becoming more popular with those who want a larger podding pea of the Alaska type. The vine is 3 feet high, more vigorous and of the same color as the Alaska. Pods are one-third larger and filled with 5 to 7 large round peas of fine flavor. The crop ripens about a week later than the Alaska. ½ pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.



Peas, Gradus or Prosperity

## SCHWILL'S GARDEN PEAS



Telephone Peas

### McLean's Little Gem

Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only three days after the American Wonder. The peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains fit for use longer than the American Wonder and Nott's Excelsior, and is thought by many to be sweeter.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Laxtonian

The largest podded variety of extra earlies, and really may be classed as Dwarf Gradus, which variety it resembles, except that it only grows about 18 inches high and does not require any support. The vines make a vigorous growth, which enables them to withstand weather conditions unsuited to some of the large-podded varieties, and the pods are well filled with large peas, which have an exquisite flavor. While the crop does not mature until a few days later than Gradus, the quality of this variety is equally as good.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 70, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 60c.

FOR PRICES IN LARGER QUANTITIES, SEE PRICE LIST,

PAGE 81.

### Telephone

A large-podded pea for general crop. The vines are very strong in growth and average 18 to 20 pounds per stalk; the pods are of large size containing 6 to 7 peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor; height 3½ feet.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 70c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 60.

### Large White Marrowfat

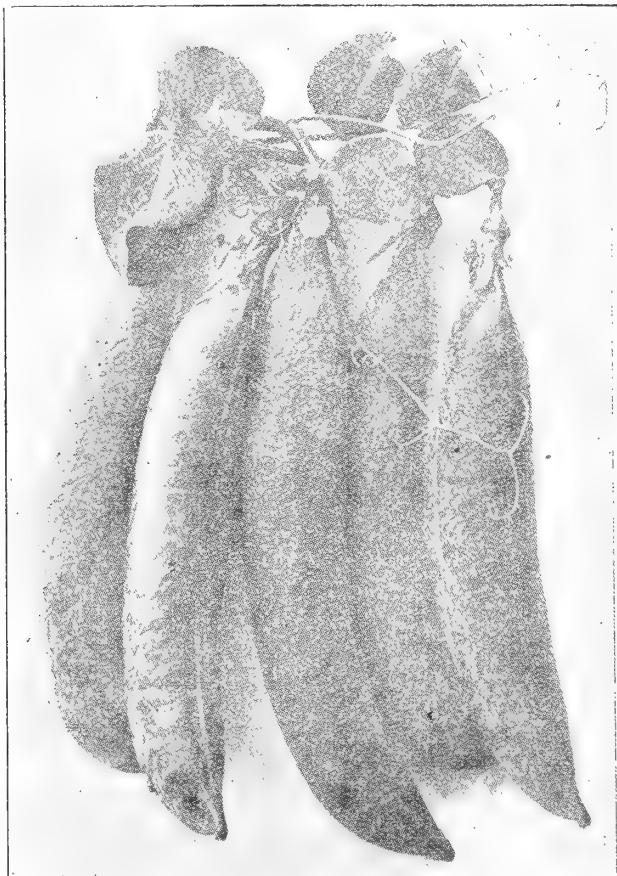
This variety is very tall, about 5 feet, and of strong growth. The pods are about 3 inches long, round, light green and somewhat rough. The peas are large, round, smooth and creamy yellow. It is a very desirable variety for summer use and is undoubtedly one of the most productive of the garden peas.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

### Champion of England

A very productive standard main crop variety, one of the best flavored of the late peas. The vines are 4 to 5 feet high, and the foliage is medium green. The pods are medium dark green, broad and nearly straight, and about 3 inches long. We have a fine stock of these peas.  $\frac{1}{2}$  pt. 20c; pt. 35c; qt. 60c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 15c; pt. 30c; qt. 50c.

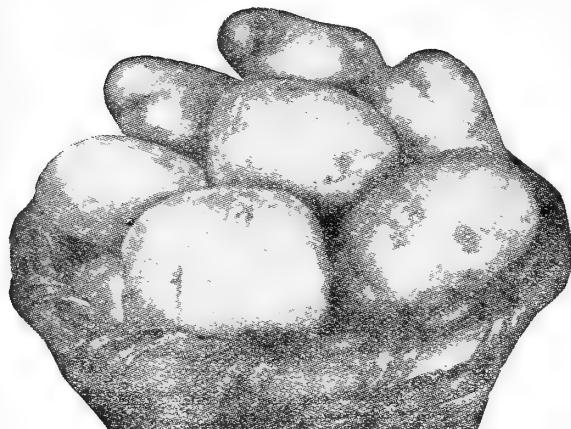
### Mammoth Melting Sugar (Edible Pods)

This is a tall variety, bearing large, flat, brittle pods, which are entirely stringless; which are cooked like string beans. This fine pea should be more generally used.  $\frac{1}{2}$  pt. 25c; pt. 45c; qt. 80c, post paid. Not prepaid,  $\frac{1}{2}$  pt. 20c; pt. 40c; qt. 70c.



Laxtonian Peas

## SELECTED SEED POTATOES



Irish Cobbler Potatoes

### Tennessee Second Crop Red Triumph

Southern grown seed and will make bigger yields than the Northern grown seed, and as the seed are usually smaller, will therefore go further in planting. Our stock of this variety is usually extra fine.

### Irish Cobbler

This is one of the most reliable, and is fast becoming one of the most popular of the early varieties for a white skin potato in the South. It is of a handsome cream-white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and is a good keeper. In fact it is one of the best all-round early potatoes now on the market.

### Early Ohio

This is one of the standard varieties, and is credited with being the very earliest potato on the market. It matures a week earlier than the Early Rose. The tubers average large in size, are oval, oblong and round at seed end. A fine yielder, but does best for planting in loamy or stiff soils. Irish Cobbler seems to do best in light or sandy soils.

### Early Rose

The Early Rose still continues one of the most popular varieties. It is productive and of most excellent table qualities, and most satisfactory all-round early sort. It is too well known to give any lengthy description.

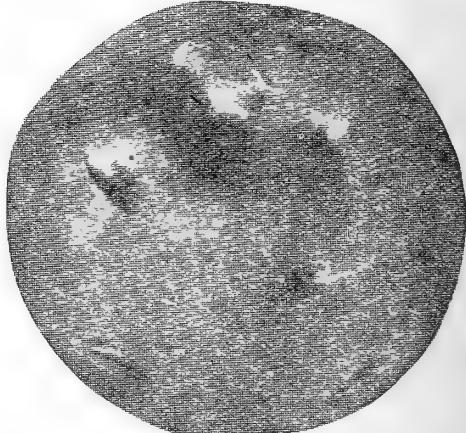
### Peerless

A favorite general crop variety; specially adapted for light and medium soils. It is round in shape, and skin is dull white. Very productive.

### Lookout Mountain

A distinctive type potato, and planted only in the summer for second crop. Very prolific, late and long keeping variety. Grows large, pure white tubers, very smooth and of good quality. No other variety stands our hot climate as well. We will book orders at any time for shipment during June and July, or will ship any time earlier you may order.

FOR PRICES ON IRISH POTATOES, SEE PRICE LIST, PAGE 81.



Red Triumph Potato

## SEED SWEET POTATOES

All Seed Sweet Potatoes will be shipped about the 15th of March, as weather before that time is entirely too cold, and potatoes will rot when handled or bedded too early. We absolutely make no guarantee whatever on them. They leave our store in good condition, and will be shipped at buyers risk only.

### Nancy Hall

This is our most popular Sweet Potato because of its early maturing and ready sale on all markets, especially the Northern markets, where the Southern Nancy Hall is known as the best eating Sweet Potato grown.

Color, yellow, slightly running, ready to harvest in July, fine for cooking.

### Bunch Yams

The best known of the forked leaf varieties; a great favorite with many who have used this potato for years; does not yield as well as many of the newer varieties, but the quality is unsurpassed. Color, deep yellow, late maturing, bunch vines.

### Early Triumph Sweet Potato

Flesh bright light yellow, of good size, very prolific and three weeks earlier than any other variety; very large.

### Porto Rica Yam

This is a new sweet potato and a good one. The skin is golden color with a slight pinkish tinge. Meat deep orange yellow, soft and sweet, tubers long and smooth; a very desirable shape. It is one of the sweetest sweet potatoes that we have ever tried. Take our word for Porto Rica; it is a superb and desirable variety. You will like it.

### Florida Yam Sweet Potato

A new variety from the South, which has been tested by some of our growers the past few seasons, and found to be one of the best. The Florida Yam is earlier, has deeper yellow flesh and is more productive than the Nancy Hall, and in quality fully equal to the latter variety. They will make 300 bushels to the acre and come early, and when you have a deep yellow meaty variety that is ready for the market early in August it will make the grower money.

SWEET POTATO SLIPS, SEE PAGE 2

FOR PRICES ON SWEET POTATOES, SEE PRICE LIST, PAGE 81

## SCHWILL'S RADISHES

**CULTURE**—Sow in open ground, in spring, as soon as the soil can be worked. Sow in rich, sandy loam, in drills 18 inches apart; thin plants to prevent crowding. Keep the soil loose and apply a little nitrate of soda—this will cause rapid growth, which is essential to secure tender roots. Sow every ten days for succession. After May it is best to plant the summer and winter varieties.

**FORCING**—Sow in hotbed or under glass in rich, well pulverized soil; scatter seed over the surface, about 100 to the square foot, and cover lightly with sifted soil. Water carefully to keep the soil moist. For rapid root development, the temperature must be moderate and even. Good ventilation is necessary. The crop should be off in 25 to 40 days.

### Schwill's Perfection Scarlet Turnip, White Tipped

A special stock White Tipped radish, bright rose above with a large white tip very showy and distinct; of excellent quality. Matures in 24 days and is very crisp, tender and mild; can be used outdoors or in frames. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.00; 5 lb. \$4.50, post paid.

### Early Scarlet Turnip

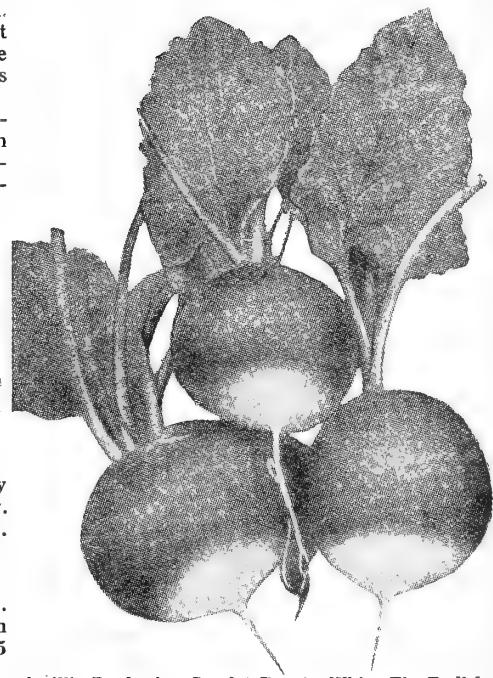
A well known and highly esteemed variety; extensively grown for market. A turnip-shaped sort; skin bright scarlet, flesh white; a very quick grower. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.75, post paid.

### Early Scarlet Turnip, White Tipped

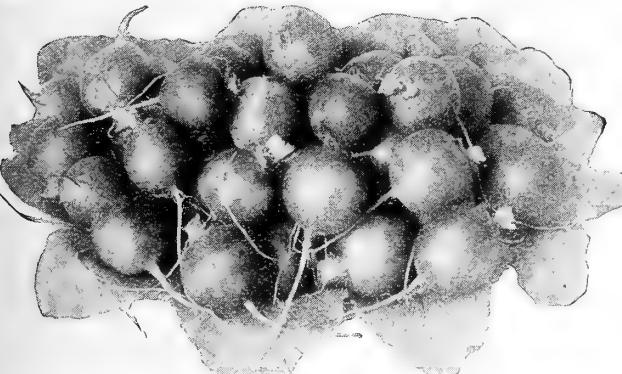
One of the handsomest of the turnip radishes, and a great favorite. Color very deep scarlet with a distinct white tip; flesh white and of the very best quality. Extensively grown for market. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.75, post paid.

### Cooper's Sparkler, White Tipped

A comparatively new variety. Globular in shape, rosy carmine, with white tip. Solid and crisp; very short top. This is a splendid variety and very popular on many markets. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.75 post paid.



Schwill's Perfection Scarlet Turnip White Tip Radish



Early Scarlet Turnip

### Early White Turnip

This is a very desirable white summer radish; grows a round, smooth root. Very crisp and firm. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c, post paid.

### Round Black Spanish

This splendid winter variety should be better known; roots are round and sometimes top shaded. Grows to large size and is an excellent keeper. Flesh is white, firm and of good quality. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c, post paid.

### French Breakfast

Of oblong form, color bright carmine with clear white in the lower portion. Very tender and mild. Good outdoors or under glass. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c; 5 lb. \$3.75, post paid.

### China Rose, Winter

One of the very best winter sorts, roots are cylindrical, or largest near the bottom, stump-rooted, or blunt at both ends; skin smooth and bright, deep rose color; flesh white, crisp and pungent; the roots are 4 to 5 inches long and 2 inches thick. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c, post paid.

### California Mammoth, Winter

A large late or winter variety. The large, white roots grow 10 to 12 inches long and 3 to 4 inches in diameter at the shoulder, tapering regularly to the tip; flesh crisp, firm and decidedly pungent. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c, post paid.

### White Icicle

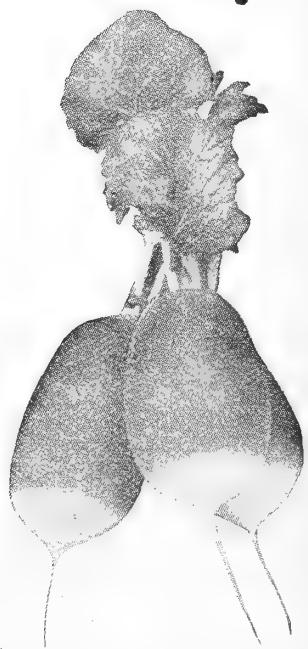
One of the best early long, white sorts, suitable either for forcing or growing outside. Roots somewhat shorter and tops smaller than White Vienna. Very crisp and tender and of a beautiful waxy white color. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c, post paid.

### Long Scarlet Short Top

The best of the long red radishes. It is very early, of good size, fine quality; most largely planted of all long red radishes. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 80c; 5 lb. \$3.50, post paid.

### Long Black Spanish

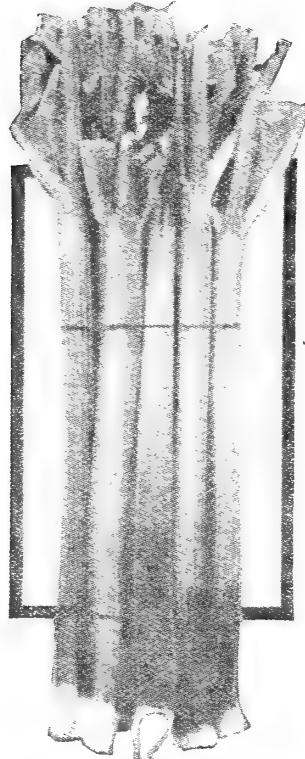
One of the latest and hardest varieties for winter use; grows to large size; roots 8 to 9 inches long and 2 to 3 inches in diameter, nearly black in color. The flesh is white, very firm and of good quality; a very popular market variety. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c, post paid.



French Breakfast Radish

## RHUBARB

**CULTURE**—Rhubarb roots for setting out can be easily grown from seed in a single season. The seed should be sown in shallow drill or seed bed in the spring, using 1 ounce to 125 feet of drill. When well started, thin to stand 10 to 12 inches apart. Cultivate well. The stalks should not be cut before the third year. For immediate use order roots which come into use at once.



Victoria Rhubarb

### Victoria Seed

The most popular variety. Pkt. 5c; 1 oz. 30c, post paid.

### Rhubarb Roots

We can supply fine roots of above variety. 1-yr. roots each 20c; doz. \$1.75. 2-yr. roots each 40c; doz. \$3.00, post paid. Not prepaid, 1-yr. roots each 15c; doz. \$1.25; 2-yr. roots each 35c; doz. \$2.50.

## SALSIFY

**CULTURE**—One ounce will plant 100 feet of drill; about 8 pounds to the acre, in rows. This plant is grown largely for winter market. Seed should be sown thinly in shallow drills about 18 inches apart, and when well started, should be thinned to stand 3 or 4 inches apart in the row. Cultivate frequently to keep the soil loose and fine. Very large, fine roots can be grown in deep rich soil. The roots are hardy, can be left in the ground during the winter, but it is best to dig them carefully, cut off the leaves and store in a root cellar or moist earth.

### Mammoth Sandwich Island

This variety is large, strong growing, and less liable to branch than the other sorts. Pkt. 5c; 1 oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50, post paid.

## SORREL

A hardy plant—grown for its leaves, which are used as boiling “greens” or salad, also for making soup. Seed should be sown thinly, in drills, early in spring. When well started, thin to stand 4 to 6 ins. apart in the row. The leaves can be gathered for use at any time after the plants are well started in growth, and the roots will continue to produce a further supply.

### Large-Leaved French

Pkt. 10c; 1 oz. 35c; 2 oz. 60c.



Salsify,  
Mammoth Sandwich Island

## SPINACH

**CULTURE**—One ounce will sow 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop, sow early in spring, in drills 1 foot apart, and thin to 2 inches in the row. For winter or spring crop, sow either broadcast or in drills about the 1st of September, or later. The soil should always be rich and well pulverized.

### Bloomsdale Savoy Leaved

A valuable variety with wrinkled leaves, resembling the Savoy Cabbage. It is very hardy and prolific. The most popular sort. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 20c; 1 lb. 50c; 5 lb. \$2.00, post paid.

### Victoria

One of the best varieties for spring growing, as it stands fully two weeks longer than any other sort before running to seed. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 20c; 1 lb. 50c, post paid.

### Round Leaf Summer

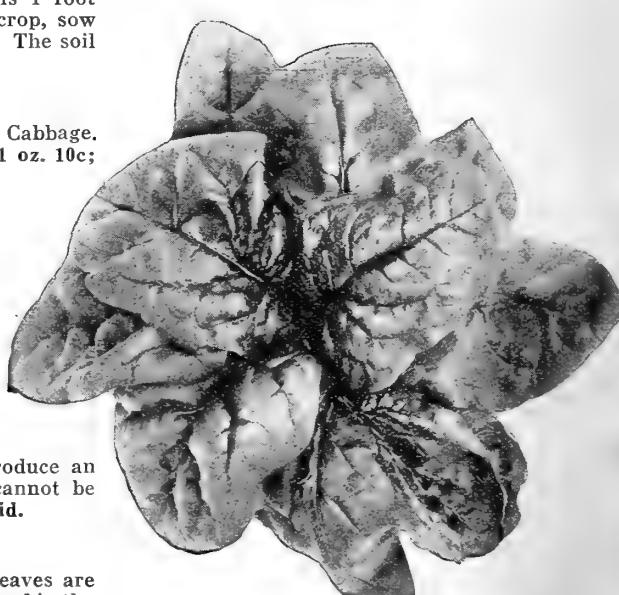
A desirable sort for early spring sowing; leaves large, bright green and of good quality. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 20c; 1 lb. 50c, post paid.

### New Zealand

Grows 1½ feet high and, if transplanted, 2 or 3 feet will produce an abundant crop in the hot weather when the ordinary spinach cannot be had. Pkt. 10c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.75, post paid.

### Broad-Leaved Flanders

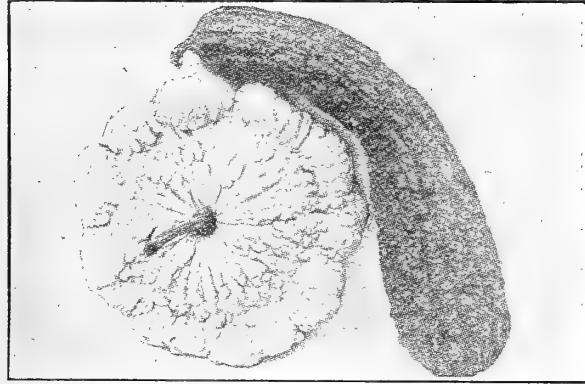
One of the most vigorous and strong-growing varieties. The leaves are nearly round, uniformly deep green, quite thick and slightly crimped in the center. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 20c; 1 lb. 50c, post paid.



Spinach, Bloomsdale Curled Savoy

## SCHWILL'S SQUASH SEED

**CULTURE**—One ounce will plant about 40 or 50 hills; 3 or 4 pounds to the acre. Sow as soon as the weather becomes warm and settled, in hills about 4 feet apart. Cultivate often to keep the weeds down, and the soil loose. The late varieties should be planted about six feet apart.



Squash, White Bush

Squash, Yellow Summer Crookneck

### Early White Bush

Extremely early; one of the best for summer use. Fruit white, with scalloped edges. Grown extensively by market gardeners. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Mammoth White Bush

An improved variety of the well known White Bush Squash, growing 12 to 25 inches across; of uniform shape, of a beautiful white color, very early and prolific. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.50, post paid.

### Giant Yellow Summer Crookneck

The largest and one of the earliest summer varieties, being twice as large as the ordinary Crooknecks. The fruit is often two feet long, very warty, and of excellent quality. Pkt. 5c; 1 oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50, post paid.



Squash, Hubbard

### Hubbard

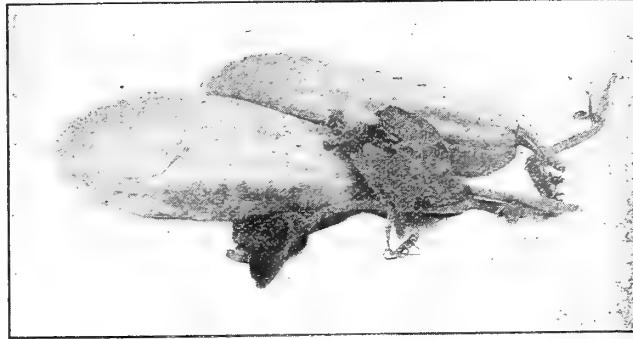
One of the best winter squashes; flesh bright orange yellow, fine-grained, very dry, sweet and richly flavored. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Yellow Summer Crookneck

A standard, early and productive summer sort; skin bright yellow, much warted; fruit about 1 foot long. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Vegetable Marrow.

An English variety for summer and fall use. Produces large oblong fruit, dark green at first, but becomes marbled with yellow as it matures. Grows about 9 inches long; the flesh is white and the shell pale yellow. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.50, post paid.



Fordhook Squash

### Boston Marrow

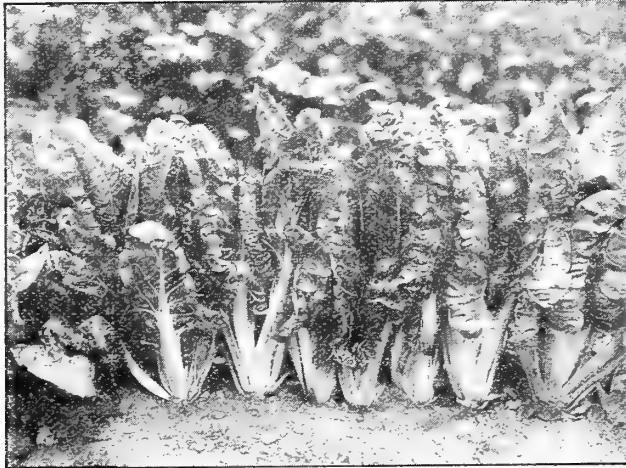
Large-fruited, hard shell sort, for winter use. In form and size similar to Hubbard, shell bright orange, flesh yellow and firm; the best for pies and canning. Vines running, very productive. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

### Fordhook

A small, oblong variety, excellent for summer or winter; fruits 8 to 10 inches long, slightly ridged; skin smooth, thin and yellow; flesh very thick, creamy yellow, extremely dry and sweet. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.50, post paid.

### Golden Custard

This is a flattened, scalloped bush squash of the largest size. Flesh is pale yellow and of very fine flavor. Except for color, this squash is identical with the Mammoth White Bush. This is a splendid yellow variety to plant. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.



Swiss Chard

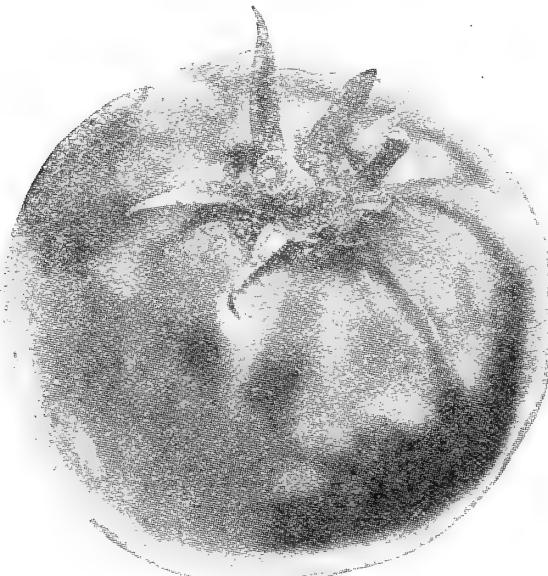
### SWISS CHARD

Silver Beet, or Cut and Come Again Spinach

This vegetable is grown for its leaves and stalks, which make excellent greens. Sow the seed early in spring, in rich well-drained soil, in drills  $1\frac{1}{2}$  feet apart. Thin to 6 or 8 inches, and cultivate like spinach. The leaves can be used as soon as they are large enough to cut without destroying the plant. It is also a good green feed for chickens. Good cultivation increases the tenderness of the leaves. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c; 5 lb. \$3.75, post paid.

## SCHWILL'S SELECT TOMATOES

CULTURE—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hotbeds during March. When the plants are 2 inches high transplant into cold frames, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. To insure best results, it is advisable to train tomato vines to stakes or trellises. Cultivate often, and as long as the plants permit. We can supply Tomato Seed in  $\frac{1}{2}$ -ounce packages.

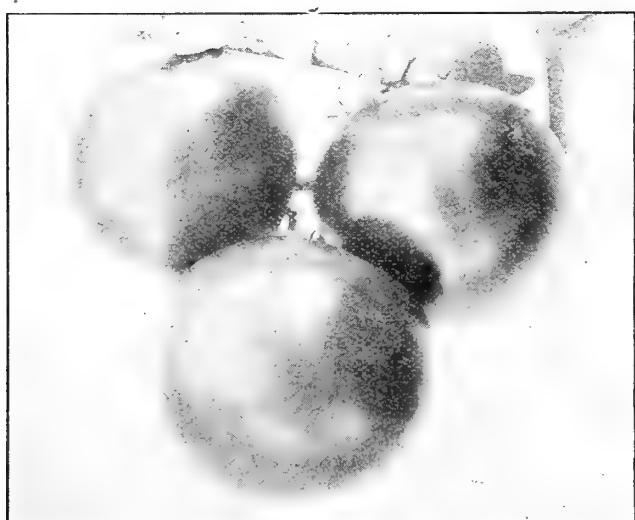


Gulf State Market Tomato

### Gulf State Market

Gulf State Market is earlier than any other purple tomato; the vines are exceptionally robust. This makes it less susceptible to blight than other varieties, with the probability of a perfect stand and perfect yield when weather conditions are favorable. Our tests this past season were very satisfactory in this respect. However, in some sections, in extreme drought it showed a little wilt, but, in our opinion, Gulf States Market is about 75 per cent. wilt resistant.

It grows low and close together, permitting the tops to be trimmed to advantage; fruit is almost true globe shape, entirely free from cracks, blemishes about the blossom end; fruit on the same cluster ripens uniformly, making it economical variety to pick. Fruit is a rich purplish pink clear to the stem. It will outyield both in bulk and number of fruit any other variety of tomato today. Pkt. 10c; oz. 50c; 2 oz. 80c;  $\frac{1}{4}$  lb. \$1.35; 1 lb. \$4.50, post paid.



Tomato, Early Detroit

**Acme**  
A well known, hardy, early and productive sort; fruit of fair size, round and smooth; color purplish pink. Acme is solid and of excellent flavor. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 80c; 1 lb. \$2.75, post paid.

### Livingston's Globe

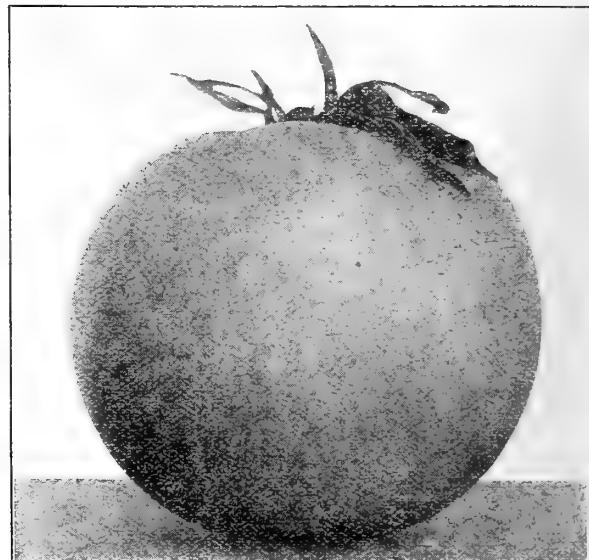
A very vigorous, productive, medium early tomato, much in favor with Southern truckers as a shipping sort. Fruit globe shape, smooth and solid; color purplish pink. Pkt. 5c; 1 oz. 45c; 2 oz. 70c;  $\frac{1}{4}$  lb. \$1.10; 1 lb. \$3.85, post paid.

### Large Trophy

A very large, mid-season or main crop tomato, of a beautiful rich deep crimson-scarlet color, of excellent quality. The fruits are very solid, smooth and of uniform size. Pkt. 5c; 1 oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.50, post paid.

### Beauty

A productive main crop variety; fruits large and exceptionally smooth, solid and of excellent quality; color purplish-pink. This is one of the best mid-season or main crop varieties for table use. Pkt. 5c; 1 oz. 30c; 2 oz. 50c;  $\frac{1}{4}$  lb. 85c; 1 lb. \$2.75, post paid.



Tomato, Livingston Globe

### June Pink

In habit of growth, productiveness and size of fruit, identical with Earliana, differing only in having purple fruit; the best extra early purple or pink fruited variety. Pkt. 5c; 1 oz. 40c; 2 oz. 70c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.50, post paid.

### John Bear

This variety produces the largest fruit of the extra early sorts. The fruits are large, nearly round, smooth, firm, of excellent quality; color bright red. Pkt. 5c; 1 oz. 50c; 2 oz. 75c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.00, post paid.

### Bonny Best

A prolific early sort, being only a few days later than Earliana. The fruits are very smooth, solid and uniform, and produce in clusters in center of the plant and ripen more uniformly than any other early scarlet fruited sort; color bright red. Pkt. 5c; 1 oz. 45c; 2 oz. 70c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.50, post paid.

### Early Detroit

This splendid variety is the largest and best of the early purplish pink tomatoes. The fruits are very smooth, uniform in size, nearly globe-shaped, firm and of excellent quality. Early Detroit is most valuable as a shipping variety as well as for home or market use. Pkt. 5c; 1 oz. 45c; 2 oz. 70c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.00, post paid.

## SCHWILL'S SELECT TOMATOES

### Earliana

The earliest and best of the very early tomatoes, very productive for an early sort; fruit of fair size, round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet. Pkt. 5c; 1 oz. 35c; 2 oz. 50c;  $\frac{1}{4}$  lb. 85c; 1 lb. \$3.00, post paid.

### Schwill's Premier

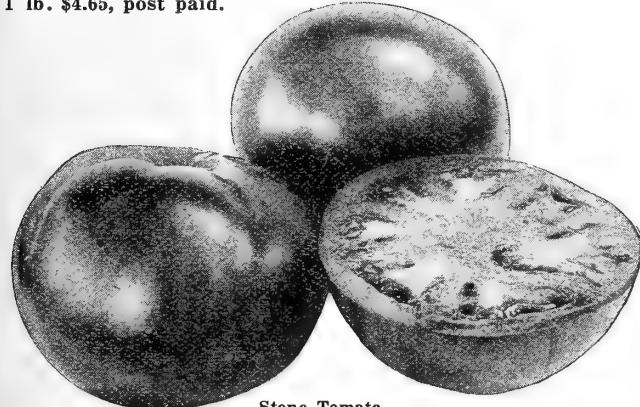
The largest and smoothest of the extra early red tomatoes. Ripens a few days ahead of Earliana; the fruits are larger and smoother. The vines grow very compactly, are immensely productive, better still, bear continuously throughout the season, in which respect it far surpasses the Earliana. Pkt. 5c; 1 oz. 50c; 2 oz. 90c;  $\frac{1}{4}$  lb. \$1.50; 1 lb. \$4.50, post paid.

### Perfection

A medium to large main crop tomato, of deep crimson-scarlet color. The fruits are nearly round, uniformly smooth and even in size. Vines very vigorous and productive. Pkt. 5c; 1 oz. 30c; 2 oz. 50c;  $\frac{1}{4}$  lb. 85c; 1 lb. \$3.00, post paid.

### Ponderosa

An exceptionally large, purple-fruited tomato, and for home use one of the best, fruits very solid, with few seeds. We have a very much improved stock of this variety which lacks considerable of the roughness and tendency to split which it formerly possessed. Pkt. 5c; 1 oz. 50c; 2 oz. 80c;  $\frac{1}{4}$  lb. \$1.35; 1 lb. \$4.65, post paid.



Stone Tomato

### Stone

The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color. The most popular of the late or main crop sorts. Pkt. 5c; 1 oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50, post paid.

### Red Pear

Used for preserving and to make "tomato figs." Fruits bright, distinctly pear-shaped. Pkt. 10c; 1 oz. 50c, post paid.

### Yellow Pear

Fruits similar to the Red Pear, but of rich, clear, yellow color, and quite distinct from the variety sometimes sold under this name. Pkt. 10c; 1 oz. 50c, post paid.

### Dwarf Champion

Sometimes called Tree Tomato. It is a medium early, purplish-pink variety. The vines are about 2 feet high, vigorous, upright and compact. The fruits are medium size, smooth and of good quality. Very desirable where garden space is limited. Pkt. 5c; 1 oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. 90c; 1 lb. \$3.00, post paid.

### Dwarf Stone

This is the best of the dwarf tomatoes, although rather late in maturing. The fruits are large, smooth, round, very solid, and of a deep scarlet color. Pkt. 10c; 1 oz. 60c; 2 oz. \$1.00;  $\frac{1}{4}$  lb. \$1.50; 1 lb. \$5.25, post paid.

### Dwarf Ponderosa

Compact, bushy habit; fruit immense in size, of a rich purple-crimson color, and as solid as a rock, perfectly smooth; like all dwarf tomatoes, the plants are vigorous and do not blight as easy as the running or vine varieties. Pkt. 10c; 1 oz. 60c; 2 oz. \$1.00;  $\frac{1}{4}$  lb. \$1.50, post paid.

Tomato, Schwill's Red Majestic



### Schwill's Red Majestic

A main crop sort of superior merit. The fruits are very large, smooth and symmetrical, ripening well to the stem. The flesh is rich, bright red in color, and of fine quality. Pkt. 5c; 1 oz. 40c; 2 oz. 75c;  $\frac{1}{4}$  lb. \$1.25; 1 lb. \$4.00, post paid.

TOMATO PLANTS—SEE PAGE 2.

## TOBACCO

CULTURE—One ounce of good seed is sufficient for an acre. Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

### Havana

The leaf is very thin and is of fine texture. The variety is much used for cigar wrappers. Pkt. 10c; 1 oz. 50c, post paid.

### Connecticut Seed Leaf

A hardy cigar variety, well adapted to growing in the middle and northern states. Pkt. 10c; 1 oz. 40c, post paid.



Perfection Tomato

## TURNIPS AND RUTABAGAS



American Red Top  
Globe Turnip

### Purple Top Yellow Aberdeen

A medium-sized, round, late-maturing yellow turnip. Roots yellow with purple crown; flesh pale yellow. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.50, post paid.

### Large Amber Globe

Grows to a large size, skin yellow, with green crown. Flesh yellow. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.50, post paid.

### Superb Mixed Turnip

A mixture of all varieties, lasting from early fall to the following spring. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.25, post paid.

### Long White Cowhorn

A very productive, quick-growing turnip, of excellent quality, fine-grained and very sweet. Often used as a soil improver. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 85c, post paid.

### Extra Early Purple Top Milan

Similar to White Milan, except roots are a little flatter and purple-red on upper portion. All in all, the Milan turnips leave nothing more to be desired in the way of an extra early garden turnip. Pkt. 5c; 1 oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.00, post paid.

### Mammoth Purple Top White Globe

Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.50, post paid.

## RUTABAGA

Swedish or Russian Turnips.

### Improved Purple Top Yellow

Grows the same shape and size as Purple Top Globe Turnips. Color of skin yellow with purple crown. Flesh deep yellow, fine grained and of excellent quality. It is an excellent keeper. The top is much shorter than most Rutabagas; it has absolutely no neck and is a rapid grower. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 65c; 5 lb. \$3.00, post paid.

### White or Sweet Russian

An excellent keeper and very desirable either for the table or for stock. The tops are small, with leaves cut at the edges. The roots are very large, nearly globe-shaped. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 85c, post paid.

CULTURE—One ounce will sow 200 feet of drill; 1 to 2 lbs. for an acre. For early use, sow seed of flat varieties in open ground in spring, in drills 1 foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until May. For fall and winter sow in August and September. A good crop may often be grown by scattering seed thinly in the cornfield at the last cultivation.

### Large White Globe

Of perfect globe shape; skin white and smooth; leaves large and dark green. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.50, post paid.

### Extra Early White Egg

Is very early, tender and crisp; the shape is oblong, resembling an egg. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 65c, post paid.

### Early White Flat Dutch Strap Leaf

A very quick-growing white variety, adapted for spring sowing. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.50, post paid.

### Red or Purple Top Flat Strap Leaf

An early flat sort; crown purplish-red, white below, flesh white. Will make a crop sown among corn. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c; 5 lb. \$2.50, post paid.

### American Red Top White Globe

A large globular variety, very even in shape and of handsome appearance. The crown is purplish red and the remaining portion clear white. The flesh is white, of excellent quality and desirable for table use. The variety is a good keeper and a fine market sort. Pkt. 5c; 1 oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 30c; 1 lb. 85c; 5 lb. \$3.75, post paid.

### Seven Top

Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter. Pkt. 5c; 1 oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 20c; 1 lb. 50c; 5 lb. \$2.25, post paid.



Rutabaga, Improved  
Purple Top Yellow

## SCHWILL'S SUPERB SWEET PEAS



### Superb Early Flowering Spencers

**Early Snow Flake** An early flowering white variety of distinctive merit. The blossoms are large, of the best Spencer form and are borne in profusion on long stems. The most desirable Early Flowering White Sweet Pea. Pkt. 15c; oz. 60c; 2 oz. 90c.

**Yarrawa** One of the most desirable of the Early Flowering Spencers. Color a bright rose pink with a clear creamy base, the wings being slightly lighter in color. Flowers large, beautifully waved and many of them duplex or double. Pkt. 15c; oz. 75c.

**Early Harmony** This is the best Early Flowering Spencer, of clear lavender color. Pkt. 15c; oz. 60c; 2 oz. 90c.

**CULTURAL DIRECTIONS**—Sow in the spring as soon as the ground can be prepared in a deep, rich soil, and for succession until the middle of April. Open a drill 4 to 5 inches deep and cover the seed from 2 to 3 inches. As the vines grow up, draw the soil up against them for support. A row of brush or wire netting should be placed between them for the vines to trail on. Pick flowers closely and do not allow to go to seed.

Sheep manure and Nitrate of Soda are the best fertilizers for Sweet Peas; apply lightly alongside of plant, not too close. Bone meal is also fine, and should be used if your soil is poor.

### Re-Selected Spencer Sweet Peas

Price, any of the following varieties: Pkt. 10c; oz. 35c; 2 oz. 60c;  $\frac{1}{4}$  lb. 90c; 1 lb. \$3.25, post paid.

**Apple Blossom Spencer** Brightest pink rose shade.

**Asta Ohn Spencer** Soft lavender, suffused mauve.

**Vermillion Spencer** A bright, pure scarlet color, large flowers.

**Countess Spencer** Soft rose pink, large and wavy.

**Dobbie's Cream Spencer** Cream or yellow, very showy.

**King Edward Spencer** The best pure red Spencer.

**King White Spencer** A giant free-flowering white Spencer.

**Fiery Cross** A glittering, fiery scarlet, without any shading.

**Masterpiece Spencer** A very beautiful shade of lavender.

**Othello Spencer** Deep rich maroon purple, very dark.

**Rosabelle** Giant rose color.

**White Spencer** A superb purest white, large blossoms.

**Royal Purple** A rich, warm rosy purple color.

**Hercules Giant** Pure pink.

**Wedgewood** Bright silvery blue, large waved flowers.

**Flora Norton** A beautiful shade of light blue.

**Margaret Atlee Spencer** The best cream pink.

**Blue Picotee** White with blue edge.

### Sweet Peas in Mixtures

#### Schwills Superb Large Flowering, Mixed

This mixture is composed of all of the largest flowering varieties of Grandiflora Peas. Pkt. 5c; oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25, post paid.

#### Spencer Mixed Sweet Peas

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers. Pkt. 5c; oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00, post paid.

#### Perennial Mixed Sweet Peas

Perfectly hardy, and very handsome free-blooming climbers. They come up year after year. Pkt. 10c; oz. 50c.

#### Cupid, Dwarf or Bedding, Mixed

These form a line of emerald-green foliage, a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of blooms; the mixture contains all the colors. Pkt. 5c; oz. 25c; 2 oz. 45c;  $\frac{1}{4}$  lb. 75c, post paid.

### New Spencer Sweet Peas

#### Crimson King-Spencer

The greatest advance in this color since the introduction of King Edward Spencer and far ahead of all recent introductions. Pkt. twenty-five seeds, 25c.

#### Youth-Spencer

An extremely large flowered Pink Picotee, edged variety of unusual merit and the most fragrant of all sweet peas. Pkt. twenty-five seeds, 25c.

## FLOWER SEEDS

Success in the cultivation of flowers from seeds depends to a great extent on the earlier operations. Much of the disappointment and failure that attends this pursuit may be avoided by carefully noting the class to which each belongs and then following the appropriate culture. Generally speaking, brief culture directions are printed on every packet of seed sold, and in some instances they prove sufficient, but we here offer a few suggestions which may be helpful to beginners.

The first and most essential requisite is **Reliable Seeds**. Next a suitable soil. That best suited for flower culture is a rich loam containing enough sand to make it porous. A large portion of the summer flowers are **Annuals**. As they do not take kindly to transplanting, it is best to sow seed where the plants are to bloom. Sow from March until June in dry soil previously fertilized by bone meal, sheep manure, or similar stimulants. Make a broad but shallow depression in which to sow the seeds as thinly and evenly as possible and cover in proportion to the size of the seed. Very small seeds should not be covered. Press them into the soil with a flat board. The seedlings should be thinned out during moist or dull weather.

**Half Hardy Annuals**—Towards the end of March seeds of this class may be sown in the place where they are to bloom. It is advisable, however, to sow the seeds in February and March indoors, either in pans, shallow boxes or pots. When the little plants have made three or four leaves, reset them into another box so they may be strong and sturdy to set in the garden at planting time. Occasional watering with weak liquid sheep manure is beneficial.

**Hardy Perennials**—These may be sown in open borders any time from April to October. Biennials require similar treatment to Hardy Perennials. By sowing seeds in boxes or pots in cold frames in February and March and transplanting the seedlings to a north border, much earlier bloom will be secured. The seeds of perennials usually germinate slowly.

**Giant Comet Aster** Flowers of immense size, often 6 inches across. Long, wavy, twisted petals, gracefully formed into loose yet dense globe, resembling Chrysanthemums, 12 to 16 inches in height. Price, any of the following varieties, packet 10c; oz. \$1.50.

Pure White	Clear Rose
Light Blue	Scarlet
Comet Asters, all colors, mixed.	

**Aster, Peony Flowered** Large and double mixed. Pkt. 10c; oz. \$1.25.

**Aster, Victoria** Imbricated petals; large flowers. Pkt. 10c; oz. \$1.25.

**Aster, China, Mixed** Well known, hardy variety. Pkt. 5c; oz. 75c.



Aster, Giant Comet

**Alyssum, Sweet** One of the sweetest and most useful of summer flowers for edging borders, rock work, etc., continuous in bloom the entire season. Flowers white, 1 foot. hardy annual. Pkt. 5c; oz. 40c

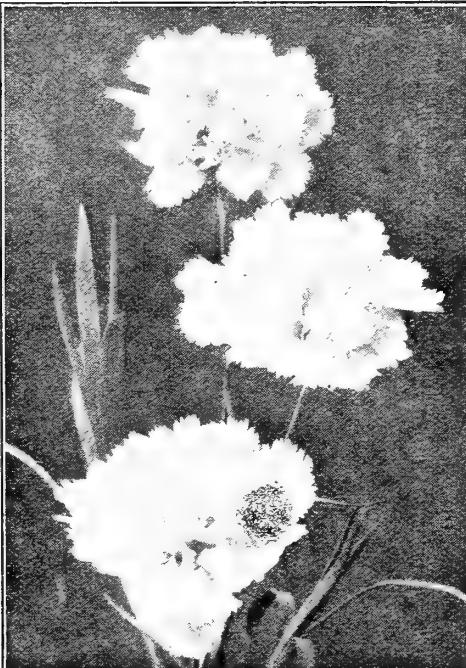
**Alyssum, Little Gem** A Sweet Alyssum with pure white blossoms, very dwarf and dense growth. It is, perhaps, the finest sort for geometrical flower beds and borders; hardy annual. Pkt. 5c; oz. 50c.

**Antirrhinum (Snapdragon)**

Showy and useful border plants, producing a great variety of brilliant flowers. Very effective in beds, succeeding in any good soil. Blooms the first season Biennial. Pkt. 5c; 1 oz. 60c.

**Amaranthus, Princess**

**Feathers** Highly ornamental. We offer a splendid mixture of all varieties; have handsome foliage; hardy annual. Pkt. 5c.



Carnation, Marguerite

**Ageratum (Imperial Blue)** A Mexican flower of bush-like appearance, suitable for bedding or pot culture. Blooms continually; hardy annual. Pkt. 5c.

**Bachelor's Button** It has been so perfected that fully 80 per cent of the flowers are double and semi-double; are also increased in size and present many colors and distinct markings; mixed; hardy annual. Pkt. 5c; oz. 35c.

**Browallia** Profuse blooming plants, continuing throughout the summer, studded with blue and white flowers; half hardy annual; mixed. Pkt. 5c.

**Brachycome (Swan River Daisy)** A delicate dwarf, half hardy annual; effective for edging, beds or rustic baskets. Produces an abundance of daisy-like flowers in shades from dark blue to nearly white; mixed colors. Pkt. 5c.

**Balsam, Double Mixed** Magnificent for outdoor planting, producing in gorgeous profusion varied color flowers; tender annual. Pkt. 5c; oz. 60c.

**Balsam Apple Vine (Balsamina)** Curious fruits, fine climber; annual. Pkt. 5c; oz. 30c.

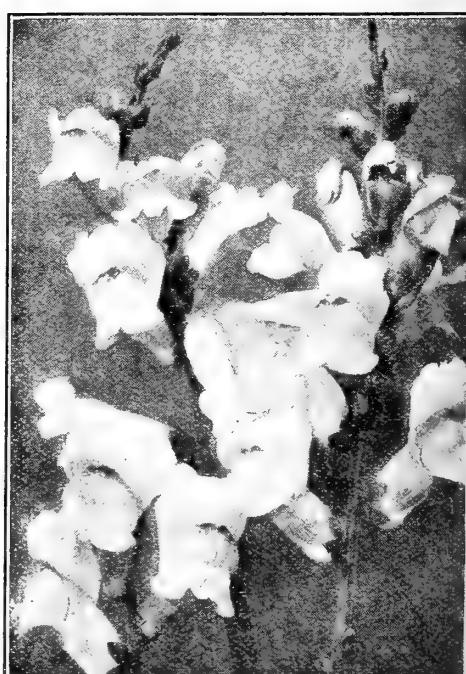
**Balloon Vine** Quick growing climber; 15 feet; annual. Pkt. 5c.

**Calliopsis** Large, bright yellow flowers; very effective for cutting and decorations; mixed varieties; hardy annual. Pkt. 5c; oz. 25c.

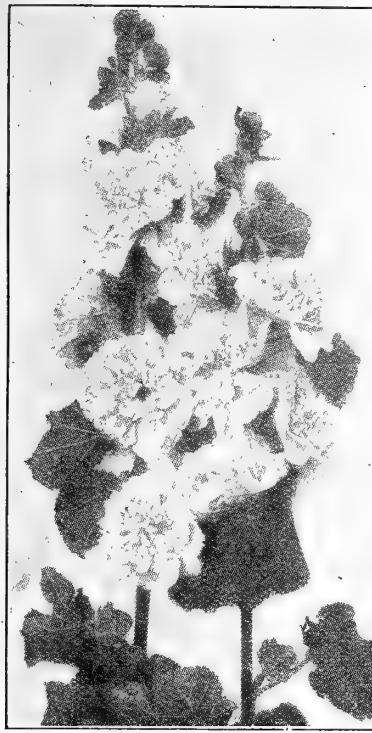
**Carnation, Marguerite** Exceedingly fragrant double flowers, very beautiful. Half hardy perennial. Pkt. 10c; 1 oz. \$1.25.

**Candytuft, Finest Mixed** All varieties; hardy annual. Pkt. 5c; oz. 25c.

**Canary Bird Vine** A beautiful, rapid climber; annual. Pkt. 5c.



Antirrhinum (Snapdragon)



Hollyhock

**Eschscholtzia** Hardy annual, 1 foot. Especially valuable for growing in flower beds and masses. Sow where plants are to bloom. Bright, showy flowers and feathery foliage. Pkt. 5c; oz. 40c.

**Forget-Me-Not** A modest little flower; to friendship ever dear; color blue. Tender annual. Pkt. 5c; oz. 75c.

**Four O'Clock** A handsome, free-flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annual; mixed varieties. Pkt. 5c; oz. 20c.

**Foxglove (Digitalis)** One of the most striking flowers; tall, stately and handsome; of easy culture; hardy perennial. Pkt. 5c; oz. 45c.

**Gourds—Small, ornamental sorts; mixed.** Pkt. 5c.

**Dipper Gourd**—Pkt. 5c.

**Nest Egg Gourd**—Pkt. 5c.

**Calabash Pipe Gourd**—Pkt. 10c.

**Gaillardia**—Blanket flower; fine for bouquets; mixed. Perennial. Pkt. 5c.

**Gomphrena (Globe Amaranth)** Hardy annual; 2 ft. Red, clover-shaped flowers. Cut when in full bloom and dried, they retain their color. Mixed. Pkt. 5c; oz. 40c.

**Helichrysum (Straw Flower)** Bright, attractive summer blooming annual, of free growth, producing in abundance large double red, white, yellow flowers. Mammoth mix. Pkt. 5c; oz. 40c.

**Heliotrope** Well-known greenhouse and bedding favorite. Esteemed for fragrant flowers. Fine mixed. Half hardy perennial. Pkt. 10c.

**Hollyhock, Double, Mixed** Fine, showy, double blooms. Hardy perennial. Pkt. 10c; oz. \$1.50.

**Hollyhock, Double, White** Purest white; double flowers. Hardy perennial. Pkt. 10c; oz. \$2.00.

**Hollyhock, Double Red** Finest scarlet and red. Hardy perennial. Pkt. 10c; oz. 2.00.

**Humulus Japonicus (Japanese Hop)** Ornamental and rapid climber. The foliage is lovely green; splendid for covering verandas, trellises, etc. Tender annual. Pkt. 5c; oz. 50c.

**Cobea Scandens** Cup and Saucers Vine; a climber of rapid growth; valuable for covering trellises, arbors, trunks of trees, etc.; large, bell-shaped purple flowers; half hardy perennial. Pkt. 5c.

**Cypress Vine** For a neat trellis or ornamenting the trunks of young trees it is hardy excelled. Mixed colors; tender annual. Pkt. 5c; oz. 45c.

**Canterbury Bells (Campanula)** Bell-shaped flowers, mixed; hardy biennial. Pkt. 5c.

**Coreopsis** Fine for cutting; graceful flowers; hardy perennial. Pkt. 5c; oz. 40c.

**Columbine** Flowers showy and luxuriant; hardy perennial. Pkt. 5c.

**Cardinal Climber** A new and brilliant colored annual climber. Flowers glowing scarlet, 1½ inches in diameter, the tube being 1¼ inches in length. Vines branch freely, attaining a height of from 20 to 30 feet. Start seed indoors in March and transplant. Pkt. 10c.

**Cosmos, Giant** Flowers measure from 4½ to 5 inches across, petals fringed, pinked, toothed and plain, and in colors from pure white through shades of pink and red to rich dark red. Hardy annual.

Giant Yellow .....pkt. 10c; oz. 50c

Giant Crimson .....pkt. 10c; oz. 50c

Giant Mixed .....pkt. 10c; oz. 50c

Giant White .....pkt. 10c; oz. 50c

Giant Pink .....pkt. 10c; oz. 50c

Giant Mixed .....pkt. 10c; oz. 50c



Cosmos, Giant Flowering, Mixed

**Corn Flower** The well-known hardy annual, noted for its old-fashioned flowers. Mixed, all colors; hardy annual. Pkt. 5c.

**Coleus** The most popular of all foliage plants. Easily grown from seed, but must be started in a box in the house or hotbed, as the seed is very fine and when sown is scarcely covered, yet must be kept moist. Tender perennial. Mixed colors. Pkt. 15c.

**Canna, Mixed** Flowers of large size and brilliant colors. Our mixture contains all the tall varieties and all colors. Pkt. 5c; oz. 40c.

**Cockscomb, Mixed** Choice mixed, of all sorts and colors. Half hardy annual. Pkt. 5c.

**Dahlias** Dahlias are easily grown from seed and bloom the first season as well as if grown from roots.

**Dahlia, Double Mixed**

Pkt. 10c; oz. \$1.50

**Dahlia, Double Cactus**

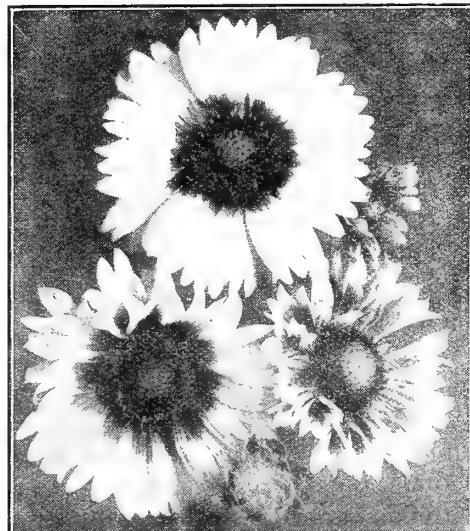
Pkt. 20c; oz. \$3.00

**Dahlia, Single Mixed**

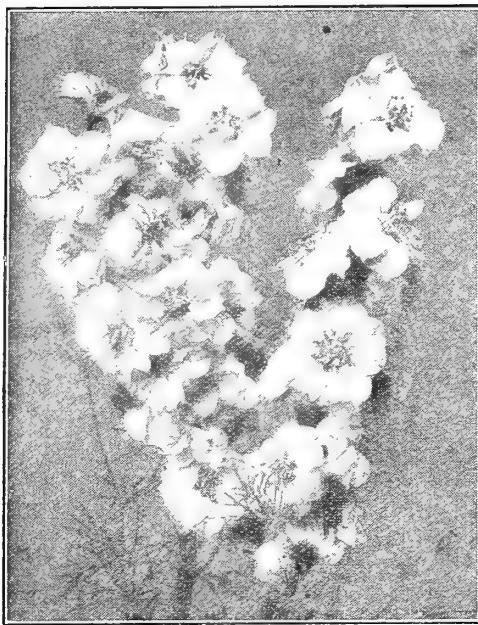
Pkt. 5c; oz. 75c

**Daisy Shasta** Flowers snowy white with yellow center. Perennial. Pkt. 10c

**Daisy, Double** An old favorite; perennial, mixed. Pkt. 10c; oz. \$1.50.



Gaillardia



Larkspur, Double, Mixed

### Nasturtiums

**Nasturtiums, Dwarf, Mixed** In this will be found varieties of both light and dark color foliage. Pkt. 5c; oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00, post paid.

### Nasturtiums, Exquisite

**Dwarf, Mixed** A magnificent strain, containing countless shades, colors, stripes, blotches and veinings. Pkt. 5c; oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c, post paid.

**Nasturtiums, Tall, Mixed** A brilliant, effective mixture. Pkt. 5c; oz. 10c; 2 oz. 20c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00, post paid.

### Nasturtiums, Variegated Leaved

A mixture containing an unusual selection. Pkt. 10c; oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c.

**Nasturtiums, New Giant Flowered** These superb Nasturtiums attract instant attention by the great size, exquisite form and rich color of the flowers. Mixed colors. Pkt. 5c; oz. 15c; 2 oz. 25c;  $\frac{1}{4}$  lb. 40c, post paid.

**Moon Flower, White** Its large white flowers expand in the evening and remain open till the following day. Pkt. 10c; oz. 75c.

**Moon Flower, Heavenly Blue** This variety blooms in forenoons. The flowers are azure blue with a yellow throat. Pkt. 10c.

### Petunias

Petunias grow with little attention or care, and in any soil, and bloom profusely all spring and summer. The large, double varieties do not produce seed, but the pollen from them is artificially crossed on the large, single and fringed plants, and the seed so produced will make a percentage of double blossoms. The Giant Flowered types are in large, single, plain edged or fringed edged blossoms, or in very thickly double flowers. As Petunia seed is exceedingly fine, merely press it into the soil after sowing, cover with chopped moss or sift a little sand over to cover, and, if possible, allow the water to soak up from beneath. The weakest-looking plants will develop into the handsomest flowers, so save all plants carefully.

**Petunia, Single** A splendid mixture of varieties ..... Pkt. 5c; oz. 60c

**Petunia, Large Flowering Mixed** ..... Pkt. 15c; oz. \$1.50

**Petunia, Double Finest mixed** ..... Pkt. 25c

**Hyacinth, or Jack Bean** A rapid-growing annual climber; mixed; all colors. Pkt. 5c; oz. 20c.

**Ice Plant** A low-growing, trailing, tender perennial. The thick leaves seem to be covered with crystals. Used for edging embankments and box work; thrives in bright sunlight and dry situations. Flowers, cerise purple and small, completely covering plant. Pkt. 10c; oz. 40c.

**Kudzu Vine (Jack-and-the-Beanstalk)** For rapidity of growth this hardy vine has no equal. It will grow 8 to 10 feet from seed the first year. The leaves are large and abundant. It bears racemes of pea-shaped rosy purple flowers. Hardy perennial. Pkt. 10c.

**Kochia (Summer Cypress)** An easily grown annual with perfect symmetry. It is a lively green, but on approach of autumn the whole plant becomes bright scarlet, making in all a very desirable plant. During the summer it obtains a height of about 3 feet. Pkt. 10c; oz. 45c.

**Larkspur** Hardy annual. These Larkspurs grow about 1½ to 2 feet high. A great variety of bright colors; of easiest culture, doing well in any soil; all colors, mixed. Pkt. 5c; oz. 45c.

**Larkspur (Delphiniums)** Hardy perennial. These are taller than the annual sorts and their brilliant flower spikes arrest your attention even at a distance. The foliage is attractive and the plants strong and neat in habit. By keeping the plants well watered and the flowers cut, a second crop of bloom may be had, and from some a third. Seed is a little difficult to start, so advise sowing in a box in prepared soil; under glass. All colors, mixed. Pkt. 10c; 1 oz. \$1.25.

**Lobelia** Excellent border plant. Hardy annual. Pkt. 5c.

**Marigold, Tall, Mixed** Flowers golden yellow. Pkt. 5c; oz. 45c.

**Marigold, Eldorado** Double flowers, of immense size. Pkt. 5c; oz. 60c.

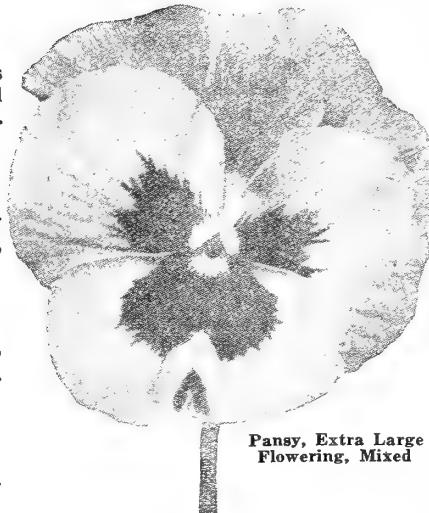
**Mignonette** Seed of this popular annual can be sown at any time. If successions are made, these modest-colored, fragrant plants blossom outdoors until November. Sweet Mignonettes, pkt. 5c; oz. 30c.

### Morning Glories, Japanese Imperial

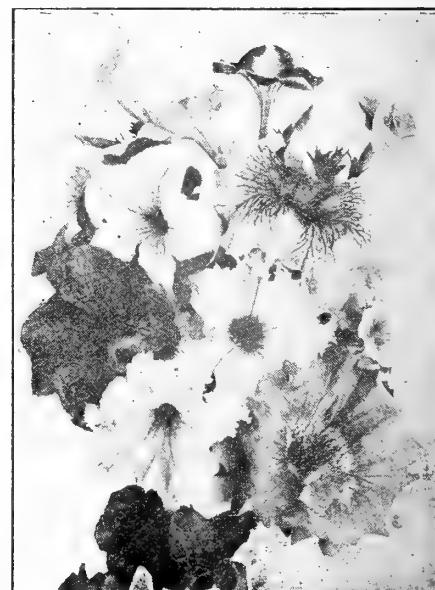
A revelation in the size and beauty of their flowers. Pkt. 5c; oz. 15c.

**Morning Glories** Undoubtedly one of the most profuse flowering vines in cultivation; choice mixed varieties. Pkt. 5c; oz. 10c.

**Nigella** A hardy annual, 1 foot high, with finely cut foliage; oddly shaped blossoms in blue and white. Pkt. 5c.



Pansy, Extra Large Flowering, Mixed



Petunia, Large Flowering, Mixed



China Double Mixed Pinks

### Poppy

**Poppy, Carnation Double;** mixed; superb; from many varieties; 2 feet; annual. Pkt. 5c; oz. 35c.

### Poppy, Schwill's Superb

Grand, large double flowers in every color; magnificent in form; annual. Pkt. 5c; oz. 35c.

**Poppy, Shirley** The handsome flowers are single, beautiful in color, from pure white to deep crimson; annual. Pkt. 5c; oz. 35c.

### Poppy, Peony, Flowered

Enormous size; perfectly double; always admired; mixed; annual. Pkt. 5c.

**Poppy, Perennial** Hardy; coming up year after year; very effective among shrubbery; mixed hybrids. Pkt. 10c.

### Portulaca

**Portulaca, Fine Single Mixed** A great variety, mixed; tender annual. Pkt. 5c; oz. 40c.

**Portulaca, Double, Mixed** A large proportion will come very double; tender annual. Pkt. 10c; oz. 2.25.

**Rudbeckia (Cone Flower—Bicolor Superba)** Grows about 2 feet high, forming a many-branched dense bush, and producing its long-stemmed flowers in greatest abundance. Disk brown; florets yellow with brown spots at the base; 2 feet; annual. Pkt. 10c.

**Ricinus (Castor Oil Plant)** Rapid growing plants with palm-like foliage and showy fruits. Used with decorative effect, planted singly on the lawn or in the center of a Canna or Caladium bed, 6 to 15 feet. Mixed; all the plain and fancy sorts; tender annual. Pkt. 5c; 1 oz. 25c.

**Salpiglossis** Annual, about 18 inches high, bearing throughout the season large flowers of many beautiful colors, all exquisitely veined and laced; mixed. Pkt. 5c.

**Sweet William, Single** Handsome colored flowers; mixed; hardy perennial. Pkt. 5c; oz. 50c.

**Sweet William, Double** Finest double flowers; hardy perennial. Pkt. 10c; oz. 85c.

### Pinks

**Pink, China, Double** Deeply fringed petals; mixed colors; hardy annual. Pkt. 5c; oz. 50c.

**Pink, Double Diadem** Superb large double flowers, magnificent in color and variety; hardy annual. Pkt. 5c; oz. \$1.00.

**Pink, Double Imperial** Brilliant colors; mixed; hardy annual. Pkt. 5c.

**Pink, Crimson Bell Double**; brightest scarlet; hardy annual. Pkt. 10c.

**Pink, Hedgewigii** Double Japan Pink; mixed colors. Pkt. 10c; oz. 60c.

### Pansy

**Pansy, Choice Mixed** Our own mixture. This contains a wide range of colors and markings. Pkt. 5c; oz. 85c.

**Pansy, Extra Large Flowering, Mixed** Our mixture of the best English varieties of Pansies. Pkt. 10c; oz. \$2.00.

**Pansy, Schwill's Superb Mixed** This includes not only seeds of Giant Pansies, but also those of several new large-flowered sorts, with highly colored blooms. Pkt. 15c; oz. \$3.00.

**Pansy, Giant Timardeau** A beautiful class; compact growers, with enormous flowers; finest mixed. Pkt. 15c; oz. \$2.50.

**Pansy, Prize Medal Mixture** Unrivaled for diversity of coloring and markings, beauty of form and large size. Selected separate colors from best French, English and American growers; mixed and blended. Pkt. 15c; oz. \$3.00.

### Phlox

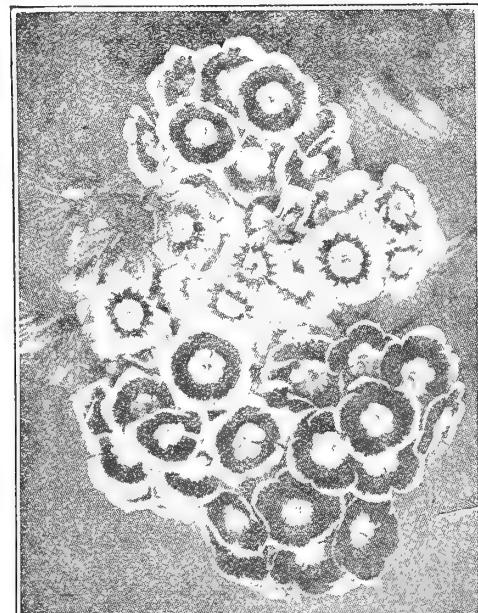
**Phlox, Drummondii, Mixed** A splendid mixture of all colors; hardy annual. Pkt. 5c; oz. 60c.

**Phlox, Mammoth, Large Flowering** The largest flowering kinds are a decided improvement on the Drummondii, producing large flowers twice the size of the latter; mixed; hardy annual. Pkt. 10c; oz. \$1.

**Phlox, Fireball** Scarlet, superb when in full bloom; hardy annual. Pkt. 10c.

**Phlox, Snowball** Purest white flowers; hardy annual. Pkt. 10c.

**Phlox, Hardy Perennial** Large and showy; mixed colors; 3 feet. Pkt. 15c.



Sweet William, Double Mixed



*Salvia. Scarlet Sage*

#### Scarlet Runner Beans

A great favorite as an ornamental climber bright scarlet spray of pea-shaped blossoms. Pkt. 5c; oz. 15c

**Salvia** *Scarlet Sage*; gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Pkt. 10c; oz. \$2.50.

**Salvia, Bonfire** Plants form handsome bushes about 2 feet high by 2 feet across. Flowers of a most brilliant, dazzling scarlet; one of the finest. Pkt. 15c; oz. \$3.00.

**Salvia, Blue** A perennial variety, but best grown as an annual. Seed sown in the open, grown in May, blooming from July to frost. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 to 3 feet. Pkt. 15c.

**Schizanthus** Few annuals can surpass in beauty the Schizanthus, so much so that it has been aptly called "The Poor Man's Orchid." Large flowered hybrids. Pkt. 5c.

**Sensitive Plant** One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up. Pkt. 5c.

**Sweet Rocket** Grows 2 to 3 feet high, bears spikes of showy fragrant flowers, all colors, mixed; hardy perennial. Pkt. 5c.

**Stocks (Gilliflower)** The free-blooming, fragrant and charming colors of the Stock have brought it into great popularity for both summer and winter flowering. For beds and borders they are very effective. Annual. Pkt. 10c.

#### Sunflower

**Double Dwarf Sunflower** Four feet. Pkt. 5c; oz. 40c.

**Globe of Gold Sunflower** Four and one-half feet. Pkt. 5c; oz. 50c.

**Double Tall Sunflower** Seven feet. Pkt. 5c; oz. 30c.

**Stella or Star Single Sunflower** Three feet. Pkt. 5c; oz. 75c.

**Thunbergia** (Sometimes called Blackeyed Susan)—An excellent trailing or bedding plant; very popular. Hardy annual. Pkt. 5c.

**Vinca (Periwinkle)** Dark green foliage, handsome rose and white single flowers; very effective for beds and borders. Blooms continuously all summer from seed sown early in March; half hardy perennial.

**Vinca, Alba** Pure white. Pkt. 10c; oz. \$1.00.

**Vinca, Rosea** Bright rose. Pkt. 10c; oz. \$1.00.

**Vinca, Mixed** Several colors, mixed. Pkt. 10c; oz. 75c.

**Verbena** A low-growing annual, profuse in its blooms, ranging from brilliant and startling colors to soft and delicate tints. Our mammoth strain produces large trusses of brilliant, beautiful flowers.

**Verbena, Choice Mixed** All shades. Pkt. 5c; oz. 40c.

**Verbena, Mammoth Mixed** Large flowering. Pkt. 10c; oz. \$1.25.

**Verbena, Scarlet Defiance** Large flowering. Pkt. 10c; oz. \$1.25.

**Verbena, Mammoth Pink** Large flowering. Pkt. 10c; oz. \$1.25.

**Verbena, Mammoth White** Large flowering. Pkt. 10c; oz. \$1.25.

**Verbena, Mammoth Purple** Large flowering. Pkt. 10c; oz. \$1.25.

**Wallflower** Very conspicuous in beds or borders, and are very useful in making bouquets. They are deliciously fragrant; single, mixed; half hardy perennial. Pkt. 5c.

**Wild Cucumber** This is the most rapid growing vine we know of.

It will reach a height of 30 feet in one season. It is thickly dotted over with pretty, white flowers, followed by quantities of ornamental and prickly seed pods. Pkt. 5c.

#### Zinnias

Our Stock Grows the Largest Blooms



##### Double White

Large flowering. Pkt. 10c; oz. 80c.

##### Double Orange

Large flowering. Pkt. 10c; oz. 80c.

##### Double Pink

Large flowering. Pkt. 10c; oz. 80c.

##### Double Crimson

Large flowering. Pkt. 10c; oz. 80c.

##### Double Purple

Large flowering. Pkt. 10c; oz. 80c.

##### Double Yellow

Large flowering. Pkt. 10c; oz. 80c.

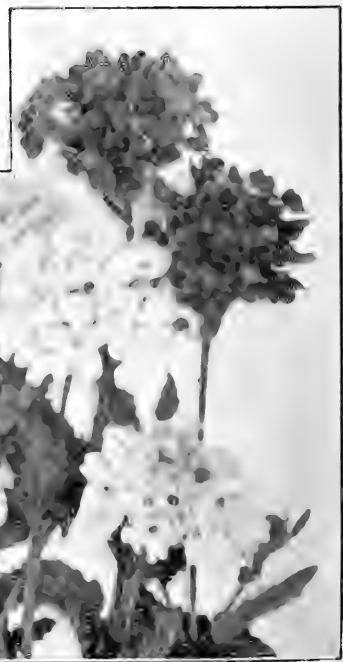
##### Double Striped

Large flowering. Pkt. 10c; oz. 80c.

##### Mammoth Mixed

Large flowering. Pkt. 10c; oz. 75c.

Can supply also 25c package any above Zinnias.



*Mammoth Mixed Verbena*

## SUMMER FLOWERING BULBS



Double Dahlia



Gladiolus

### Dahlias

The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost.

#### Double Pink

Double Yellow

Double Purple

Price, any shade, each 20c; doz. \$1.75, post paid. Not prepaid, each 15c; doz. \$1.50.

#### Double White

Double Scarlet

Double Striped

### Caladium Bulbs

#### Caladium Esculentum (Elephant's Ears).

Effective as a single plant on a lawn or in groups; also useful for decorative effects near streams or pond.

Small Bulbs, post paid, each 20c; doz. \$1.50.

Not prepaid, each 15c; doz. \$1.25.

Large Bulbs, post paid, each 30c; doz. \$2.75.

Not prepaid, each 25c; doz. \$2.50.

Extra Large Bulbs, post paid, each 60c; 3 for \$1.50. Not prepaid, each 50c; 3 for \$1.25.

Tuberose, Double Pearl Doz. 60c, post paid. Not prepaid, doz. 50c; 100 for \$4.00.

### Cannas

A fine foliage plant; a rapid grower, producing large trusses of beautiful flowers from early summer to late in the autumn.

Price, Bulbs, each 20c; 12 for \$1.40, post paid. Not prepaid, each 15c; 12 for \$1.25.

Eureka Pure white. The best white Canna; 4½ feet.

Fanal Intense fiery red; 4 feet.

Beacon Rich cardinal red; 3 feet.

Gladiator Deep yellow, dotted with red; 4½ feet.

Gustav Gumper Splendid rich golden yellow; 4 feet.

Madam Crozy Red, with golden border; 4 feet.

The following three varieties of Cannas, price each 25c; 12 for \$2.25, post paid. Not prepaid, each 20c; doz. \$2.00.

Hungarian Beautiful rose pink; 3½ feet.

Mrs. Alfred Conard Lovely shade of salmon pink; 4 feet.

King Humbert Orange scarlet, with bronze leaf; 4 feet.

### Named Gladiolus Bulbs

**America** Beautiful soft flesh pink. Postpaid, doz. 60c. Not prepaid, doz. 50c; 100 for \$3.50.

**Augusta** Lovely white, with blue anthers. Post paid, doz. 60c. Not prepaid, doz. 50c; 100 for \$3.50.

#### Mrs. Frances King

Striking shade of light scarlet or flame color. Post paid, doz. 60c. Not prepaid, doz. 50c; 100 for \$3.50.

**Niagara** Delicate cream yellow lightly marked with rosy carmine in the throat. Post paid, doz. 75c. Not prepaid, doz. 65c; 100 for \$4.75.

**Schabwen** A fine strong growing variety, with massive spikes of clear canary yellow; a small garnet blotch in throat. Post paid, doz. 75c. Not prepaid, doz. 65c; 100 for \$4.75.

**Baron Hulot** Rich deep violet blue. Post paid, doz. 85c. Not prepaid, doz. 75c; 100 for \$6.00.

**Madeira Vine** A beautiful, rapid growing climber, bearing fragrant white flowers. Each 10c; doz. \$1.00, post paid.

### Peonies

They have become indispensable in every garden. They are all hardy and admirably suited to our southern climate, growing in almost all situations, and even flourishing under shade trees.

**Red, Pink, White** Each 45c, post paid. Not prepaid, each 35c; doz. \$3.00.

### Gladiolus

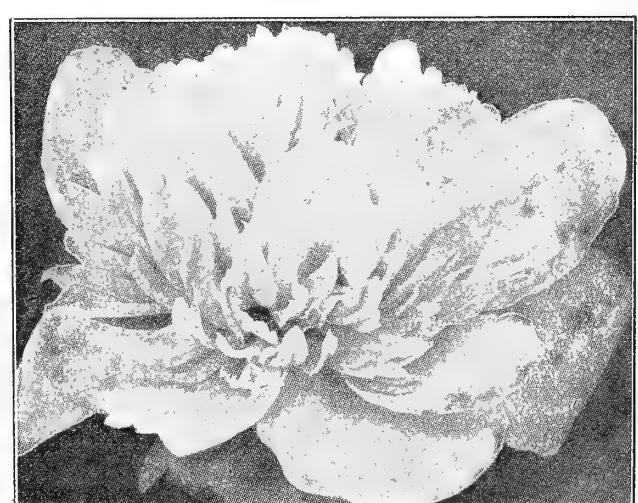
Planted during the very early spring they will produce handsome cut flowers that will last for a week or more.

**Hybrid, Fine Mixed** Doz. 50c, post paid. Not prepaid, doz. 40c; 100 for \$2.75.

**Childsii Mixed** Doz. 60c, post paid. Not prepaid, doz. 50c.



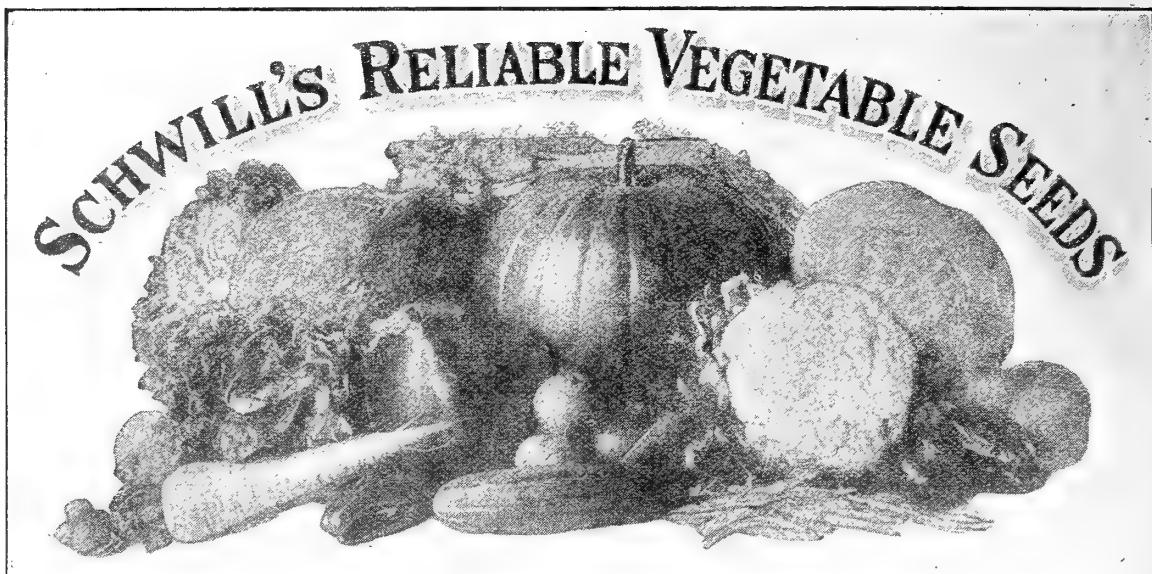
Canna



Peony

# SCHWILL'S POPULAR COLLECTIONS

For the convenience of our customers we have prepared in advance the following collections which we can sell at the low prices quoted, only when ordered as listed. All seeds in these collections are of the most popular varieties and of high quality. No changes allowed, as same are packed in advance.



## SCHWILL'S DOLLAR COLLECTION

Thirty packages of Assorted Seeds for only \$1.00. At regular prices they would cost you \$1.75. A complete Garden for only \$1.00, parcel post paid. One packet each of the following seeds:

Bush Beans, Greenpod	Cantaloupe, Rocky Ford	Pepper, Long Red Cayenne
Pole Beans, Kentucky Wonder	Egg Plant, New York Purple	Radish, Scarlet Turnip White Tip
English Peas, Alaska	Lettuce, Big Boston	Radish, Long Scarlet
Beet, Crosby's Egyptian	Mustard, Giant Curled	Spinach, Curled Savoy
Cabbage, Early Flat Dutch	Okra, White Velvet	Squash, Early White Bush
Collard, Georgia White Cabbage	Onion, Red Weathersfield	Swiss Chard, Silver Beet
Carrot, Improved Long Orange	Pepper, Bell or Bull Nose	Tomato, Stone
Corn, Early Surprise	Parsnip, Sugar Hollow Crown	Tomato, Acme
Cucumber, Improved Long Green	Parsley, Double Curled	Turnip, Purple Top Globe
Cabbage, Wakefield	Peas, Telephone	Watermelon, Halbert Honey

## SCHWILL'S KITCHEN GARDEN COLLECTION

Sent post paid to any address for \$1.50, one packet each of the following Seeds, which would cost at regular prices \$2.25:

½ pt. English Peas, Early	½ pt. Pole Snap Beans	½ pt. Garden Corn
½ pt. English Peas, Late	½ pt. Pole Butter Beans	½ pt. Bush Snap Beans
1 packet Cabbage, Early	1 packet Cucumber	1 packet Parsnips
1 packet Cabbage, Late	1 packet Collard	1 packet Squash
1 packet Carrot	1 packet Mustard	1 packet Turnips
1 packet Lettuce	1 packet Radish, Round	1 packet Turnip Beets
1 packet Okra	1 packet Radish, Long	1 packet Cantaloupe
1 packet Tomato	1 packet Sweet Pepper	1 packet Egg Plant
1 packet Onions	1 packet Hot Pepper	1 packet Watermelon

## SCHWILL'S BANNER COLLECTION

Twelve packets of best Garden Seed for only 25c, postage paid. One packet each of the following varieties:

Beets, Blood Turnip	Cucumber, Long Green	Mustard, Giant Curled
Cabbage, Early Drumhead	Watermelon, Rattlesnake	Radish, Scarlet Turnip
Lettuce, Hubbard Market	Carrot, Danvers	Squash, Early White Bush
Collard, True Southern	Onion, Wethersfield	Tomato, Early Detroit

## SCHWILL'S STAR COLLECTION OF FLOWER SEEDS

Twelve papers Assorted Flower Seeds for only 25c, postage paid. One packet each of the following varieties:

Aster, China Mixed	Mignonette, Sweet	Morning Glory	Phlox, Mixed
Sweet Alyssum	Verbena, Mixed	Zinnia, Mixed	Petunia, Single Mixed
Pink, China Mixed	Pansy, Choice Mixed	Poppy, Mixed	Cosmos

## SCHWILL'S HIGH-GRADE CLOVERS

## Alfalfa Clover

This Clover is being more largely planted in the South every year. When thoroughly established can be cut three or four times a year, yielding heavily each cutting. Soil must be thoroughly prepared by deep plowing and harrowing until it is in fine condition. Sow 20 to 25 lbs. per acre. Spring seedings may be made during March and April, and in the fall during September and October on any good soil if properly drained. Fancy Kansas Seed, 1 lb. 40c; Dakota No. 12, 1 lb. 50c, post paid.

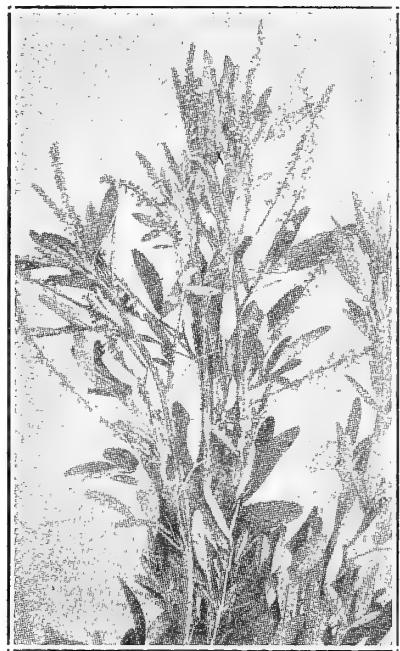
## Red Clover

A valuable farm crop, largely used for pasture and soil improvement. Yields two to three cuttings per year. First crop makes rich feed and is most valuable for hay. Clover draws nitrogen from the air largely and is one of the best soil renovating crops. Clover, intelligently used, is the farmer's best friend. Should be used as a rotation crop. Sow in fall or spring, 10 to 12 lbs. per acre. 1 lb. 40c, post paid.

## Mammoth, or Sapling Clover

Being a rank grower, makes it most valuable for fertilizing purposes. Succeeds better on thin land than the ordinary Red Clover and also makes better hay. Sow spring or fall; 10 to 12 pounds to the acre. 1 lb. 40c, post paid.

Red Clover



Melilotus Clover

## Huban Certified Sweet Clover

The new annual Sweet Clover of the White Blossom type. It is excellent for land improvement and also for hay. It makes a luxurious pasture and is relished by all kinds of stock. Owing to its earliness and profusion of fragrant blooms it is very valuable for bee raisers. 1 lb. 60c, post paid.

## Melilotus, or Sweet Clover

A variety of clover which, when young, resembles alfalfa, but on mature development grows from 4 to 6 feet in height. It is extremely vigorous and especially adapted to waste lands, though by many prominent farmers and stock raisers is used on good land for a crop forage. It is very vigorous in growth, standing frost and drouth remarkably well, the tap root penetrating the soil very deeply, and occasionally used as a drainage plant for wet soils. It will grow on almost any barren hillside, in bottoms, and is equally adapted to all good farming lands. Sweet Clover is one of the most valuable crops for bees, being the main honey plant in many sections. We handle only the white blossom variety, which we consider the best. Sow 15 lbs. per acre. Unhulled, 1 lb. 30c; Hulled Seed, 1 lb. 40c, post paid.

## Burr Clover

An annual variety which is sown in August and September. Makes superior pasture, fair hay, and if turned under the following spring, acts as a splendid fertilizer. Grows on any thin land. Sow 10 pounds fancy hulled seed or 20 pounds in the burr, to the acre. Hulled, 1 lb. 40c, post paid.

Japan Clover (*Lespedeza Striata*)

To obtain a good stand, disc-harrow your land, then scatter the seed on top, roll the field; this will cover them enough. Sow in March or April. Seeds weigh 25 pounds per bushel. Sow 20 to 25 pounds per acre. Grows anywhere; is tenacious in any soil; lasts always; well known in the South. It may be classed among the most valuable hay and pasture plants in the South. 1 lb. 35c, post paid.

## White Clover

This variety is extremely valuable for permanent grass mixtures or those prepared for grazing land. It will stand more grazing than any other clover. As the growth is short it has no value in a hay crop. Much is used in lawns. Sow in spring, 4 to 6 pounds per acre. 1 lb. 75c, post paid.

## Crimson Clover

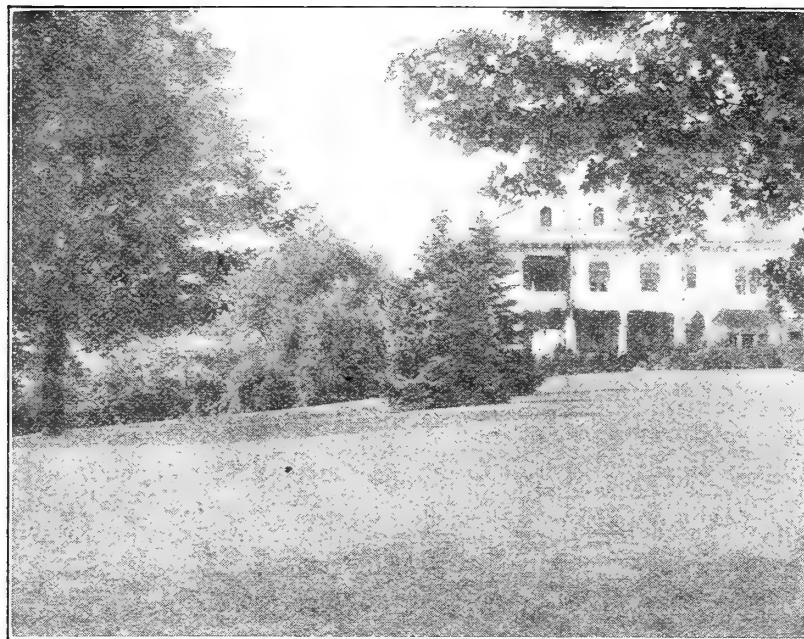
Succeeds on most any grade of soil. Sown at the rate of 15 pounds per acre, any time after August 15th, and up to November 1st, or can be sown between cotton or corn during August, using 6 to 10 pounds to the acre. Crimson Clover furnishes good hay and adds fertility to the soil. For best results, inoculate seed with Mulford Culture. 1 lb. 25c, post paid.

Alsike Clover

## Alsike Clover

Thrives well on damp soils or in situations where it is impossible to secure a catch of Red Clover. Because seed goes so much further than Red Clover, and because of its comparatively reasonable price this year, many farmers are giving Alsike the preference. It is also largely sown with Timothy. Sow 6 to 8 pounds to the acre in the spring. 1 lb. 40c, post paid.

## GRASSES FOR THE LAWN



A Beautiful Lawn

adapted to producing the thick growth and velvety appearance so much sought after. There for a special purpose—some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place; others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains. Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use Emerald Lawn Grass Mixture and produce the results as shown in the picture above. 1 lb. 50c, post paid.

### Shady Spot Lawn Grass

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing such places we recommend the use of our Shady Spot Mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in the shade, and it blends well with our Emerald Lawn Mixture. 1 lb. 60c, post paid.

### Permanent Pasture Grass Mixture

Furnishes pasture from early spring through the winter. Suitable for most soils. Sow in spring or fall, 1½ bu. to the acre. 1 lb. 35c, post paid.

### Permanent Meadow Grass Mixture

A combination of all the best cultivated grasses that will furnish hay all during the spring and summer months. Sow in spring or fall, using 1½ bushels to the acre. 1 lb. 35c, post paid.

### Permanent Hog Pasture Mixture

A combination of mixed clover and best grass suitable for hog pasturage, and if taken care of will last a number of years. Composed largely of red clover and orchard grass. Sow in early spring or fall, at rate of 1 bushel to the acre. 1 lb. 35c, post paid.

### Carpet Grass

(*Paspalum Platycarpe*)—This grass grows tenaciously in any soil. Excellent for lawns or pasture purposes on the Gulf Coast and all sandy lands, and grows equally as well on clay uplands. Green all the year in lower Gulf States. It stools heavily and is one parent stalk. Planted from November to March; 10 lbs. per acre. 1 lb. 75c, post paid.

### Timothy and Alsike Mixture

Suitable mixture for low, wet lands, furnishing good pasture and hay. Sow in early spring and fall, using 15 lbs. of the mixed seed per acre. 1 lb. 40c, post paid.



Orchard Grass

This is one of the very best grasses for upland, loamy or moderately stiff soils, affording a large amount of pasturage as well as making excellent hay if cut when in bloom. It grows about 3 feet high and matures much earlier than Timothy, does not exhaust the soil and will produce 2 to 3 tons per acre of fine hay. Having a tendency to grow in clumps, it does better if sown thickly, 1½ to 2 bushels being the amount usually sown. It does especially well if used with other grasses. 1 lb. 30c, post paid.

### How to Make a Lawn

The ground should be spaded deeply and thoroughly, and a good compost of decomposed and finely pulverized manure or rich loam spread over the ground. It would be well also to give a sprinkling of bone dust. Then use a slanted tooth harrow and a light or medium roller until the soil is smooth, even and firm. Then sow the seed and harrow again and smooth off with a common garden rake. When the grass has grown 2 or 3 ins. in height, use the lawn mower, gauged to cut full 1 inch above the ground, repeat the same as often as it grows to that height. The weeds and foul grass can be kept down and destroyed by repeated mowing.

As a guide for the proper quantity to order, we may state that 1 pound of Emerald Mixed Lawn Grass Seed is sufficient to thoroughly sow an area of 15 by 15 feet—225 square feet. It should be borne in mind that in order to produce the best results, grass seeds for lawns should be sown thick.

### Schwil's Emerald Lawn Grass

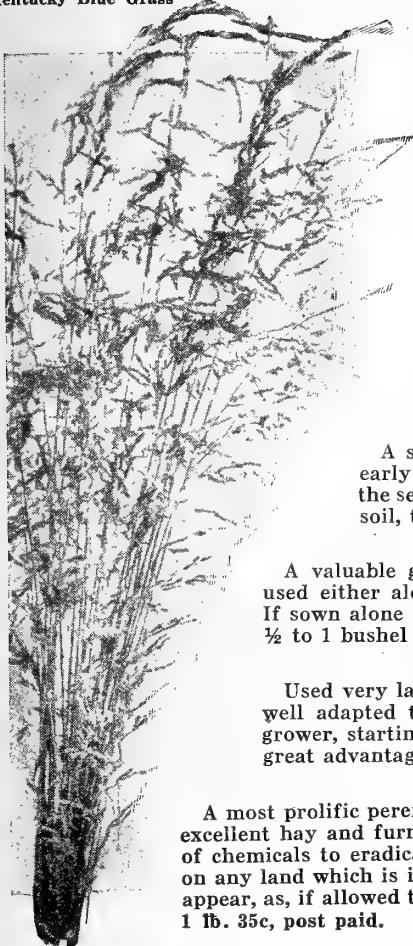
This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula and is a careful blending of varieties



Red Top Grass

## PASTURE AND HAY

Kentucky Blue Grass



### Kentucky Blue Grass

This famous grass is well known in all sections and, where the land is suitable, is one of the most profitable of all for pasture. It grows well on any stiff or loamy soils in central and northern states where rich, moist, though moderately well drained, and succeeds fairly well in some sections of the South, where lime is present in the soil, being largely used with Bermuda Grass. Kentucky Blue Grass is at its best in the spring and fall months, but being rather sensitive to heat, does not grow luxuriantly during the summer months. It takes a considerable time to get a good stand of this, as it grows very slowly at the start; when once established forms a close, compact turf, making a fine pasture; also fine for lawns. 1 lb. 50c, post paid.

### English Blue Grass

A splendid grass for permanent pastures, starting early and also making excellent pastures very late in the season. It makes good hay, growing on almost any soil, thriving best in moist soil. 1 lb. 45c, post paid.

### Italian Rye Grass

A valuable grass for moist soils, making a rapid growth, used either alone or in mixture with other grasses for hay. If sown alone use 2 to 3 bushels per acre; if with red clover,  $\frac{1}{2}$  to 1 bushel per acre. 1 lb. 30c, post paid.

### Perennial Rye Grass

Used very largely in Europe for both hay and pasture, and well adapted to this section also, for both. It is a strong grower, starting very early in the spring and can be used to great advantage in mixtures. 1 lb. 30c post paid.

### Johnson Grass

A most prolific perennial hay and pasture grass, eminently suitable to hot, dry climate and soils. It makes excellent hay and furnishes an enormous amount of grazing. No drouth, methods of culture or application of chemicals to eradicate it will destroy it when once sown, therefore, we do not recommend it to be sown on any land which is intended in future years for other crops. The best time for cutting is before the heads appear, as, if allowed to ripen, it becomes unfit for stock. Sow in March or April, 1 to  $1\frac{1}{2}$  bushels per acre. 1 lb. 35c, post paid.

### Bermuda Grass

Very popular and a great boon in the South for pasture; once established no amount of drouth or hot weather will kill it out; succeeds on nearly all soils, furnishing a constant growth of grass during the summer, but becomes brown and bare in the fall and winter; cannot be recommended too highly for pasture and general culture in the South, and it is also excellent for summer lawns. Its strong, creeping roots will absolutely prevent wash. 1 lb. 50c, post paid.

### Red Top, or Herds Grass

Succeeds better on more soils than any other grass and in all sections of the United States. Grows slowly but becomes very vigorous later and spreads rapidly into a compact sod. Suitable to stiff soils and in low situations subject to overflow, producing luxuriant growth, attaining a height of 3 to  $3\frac{1}{2}$  feet. For the best quality hay it should be cut when in bloom; ripens about the same as Timothy. 1 lb. 35c, post paid.

### Canadian Blue Grass

A flat-stalked meadow grass. Grows a foot or more high. Recommended for horses, cows and sheep. Thrives well on clay; sow 30 pounds per acre. 1 lb. 40c, post paid.

### Tall Meadow Oat Grass

Desirable for permanent pasture and meadows, because of its early growth, also from the fact that it produces a heavy growth after being mown, and lasts several years. It grows wherever Orchard Grass will. 1 lb. 45c, post paid.

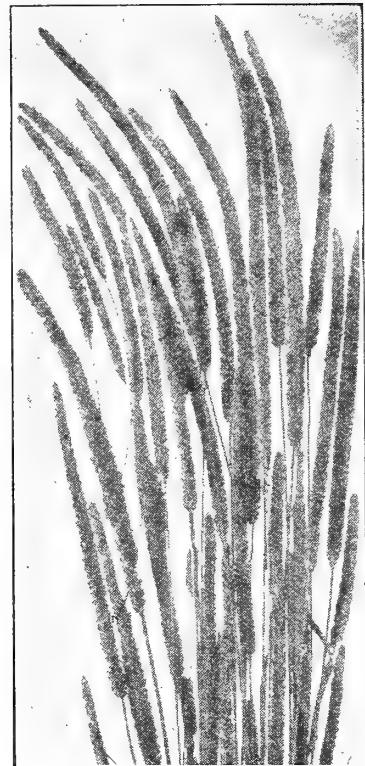
### Timothy

No grass is better known than this, nor more generally grown, as it produces the best hay of all grasses, but is of little value for pasture. It produces good hay on almost any class of land, but in this section is best suited to bottom lands or good, well-drained soil. Yields about  $1\frac{1}{2}$  to 2 tons hay to acre. 1 lb. 20c, post paid.

### Sudan Grass

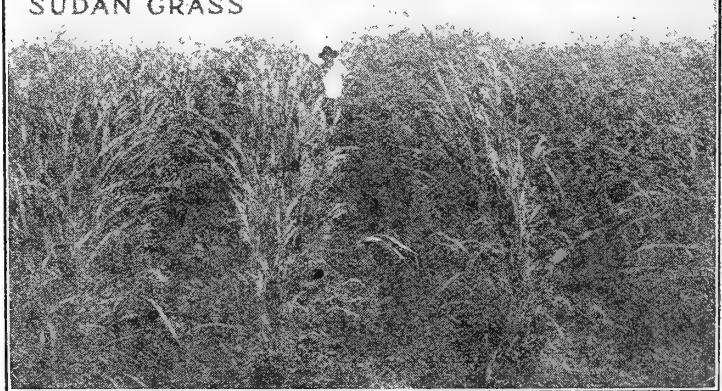
A forage crop of immense value. Sudan is an annual, therefore it is necessary to sow every year. Plant grows tall, 7 to 8 feet, stems very small and tender, stools wonderfully; makes fine hay and much relished by stock. Yields 2 to 4 tons per acre. Sow in April, in drills or broadcast, using 3 pounds to the acre, having drills 3 ft. apart, and cultivate. If sown broadcast, 14 to 20 lbs. will plant an acre. Sudan can be cut two or three times during the season. 1 lb. 25c, post paid.

FOR PRICES ON LARGER QUANTITIES,  
SEE PRICE LIST, PAGE 82.



Timothy

### SUDAN GRASS



## SELECTED SEED CORN

### Paymaster Corn

Similar in type to the well-known Tennessee White Red Cob Corn, however, the ears are not quite so large, but it produces two ears to the stalk and the cob is much smaller, with well filled butts and tips, and will shell more corn. Paymaster Corn was originated in Tennessee, which makes it a truly Southern variety, and it has been proven that Southern corns are the best. While Paymaster Corn is not offered as a prize winning corn, it has won several first prizes, but we are offering a variety that will produce more corn to the acre than any variety that has only one large ear. Qt. 25c; 4 qts. 70c, post paid.

### Mosby's Prolific

This is a Southern corn, and is recommended for general crop. It is purely white, small cob, deep full grains, neither too hard nor too soft, and stands crowding in the drills as close again as any other kind. Ears of medium size, but long. Our stock is extra select and pure this season. Qt. 25c; 4 qts. 70c, post paid.

### Schwill's Prize Medal

The largest white corn grown; matures in 120 days. It is vigorous, healthy, a rank grower and an enormous yielder. A deep, near gourd seed grain, sound as a dollar, ears a full foot long. On good ground will make 60 to 75 bushels to the acre. A whacking big ear with a big stalk. Truly a Southern favorite. It is also a fine ensilage variety on account of its heavy foliage and stalk. Qt. 30c; 4 qts. 75c, post paid.

### North Carolina White Prolific

A fine variety of white field corn. It is very hardy and can be planted very early, as well as late. Qt. 25c; 4 qts. 70c, post paid.

### Schwill's Ninety-Day Early White

One of the earliest. Planted on or about March 20, it will be ready to gather July 1. Qt. 20c; 4 qts. 60c, post paid.

### St. Charles White, Red Cob

Makes good stout stalks, medium height, ears 8 inches, pure white grain on medium red cob, a desirable corn for the South. Qt. 20c; 4 qts. 60c, post paid.

### Mexican June

This is a valuable addition to our large and selected list of field corn, best adapted for the South, has been thoroughly tested in the past and has proven all that was claimed for it. It is a strong, robust grower, sending the roots deep into the soil. Stands heat and drouth well. Ears large, small grain and well covered with shucks. Should be planted in succession from middle of April to end of July. Qt. 25c; 4 qts. 70c, post paid.

### Tait's White Dent

A pure white early corn, bearing two good ears to the stalk, maturing in 90 to 100 days. The cobs are unusually small for the size of the corn. The ears are medium-sized, 14-rowed. Plant it for early crop, as it makes before summer drouth. Qt. 25c; 4 qts. 75c, post paid.

### Champion White Pearl

A highly bred, pure white 90-day corn, large ear and a heavy yielder. Ears about 12 ins. long and average 1 lb. in weight. Uniform in weight, size and color. Qt. 20c; 4 qts. 60c, post paid.

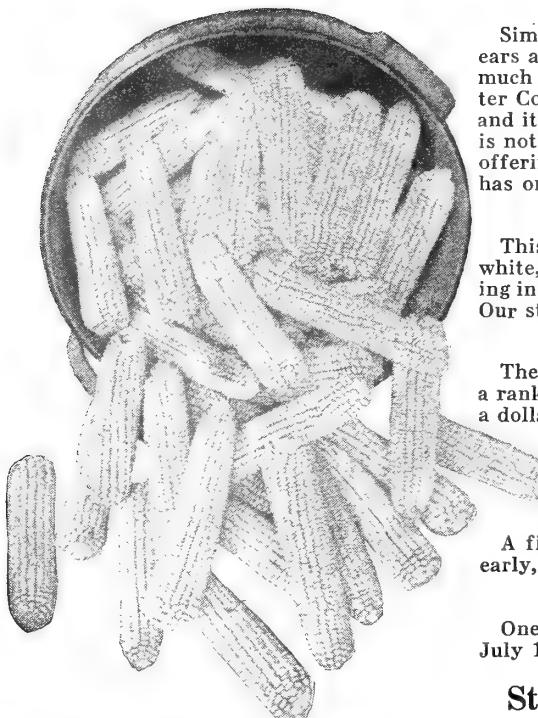
### Iowa Silver Mine

A fine white corn, growing about 7 to 8 feet high. Every stalk bears a good ear—sometimes two or three. The ears are long and uniform, with usually 18 rows of deep, pure white grains. Cob well filled; remarkably heavy cropper. Qt. 20c; 4 qts. 60c, post paid.

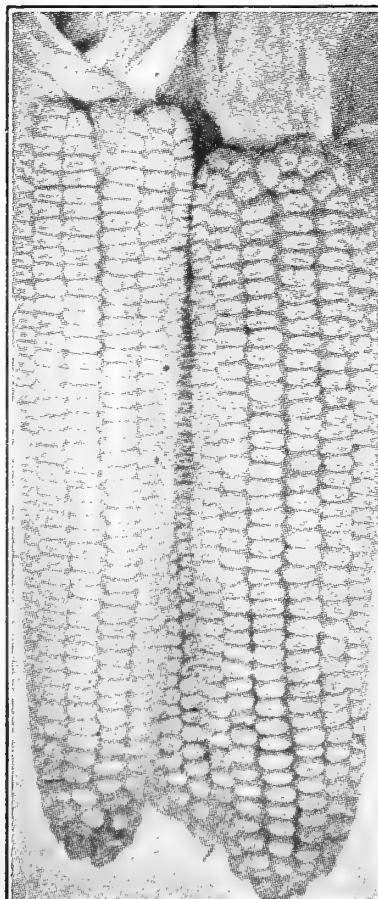
### Tennessee Red Cob, White

A large, white, red cob corn. Ears are medium size, 16 to 18-rowed; grains are very large, deep, wide and thick. Matures in 100 to 110 days. This corn makes fine roasting ears and meal. Qt. 25c; 4 qts. 70c, post paid.

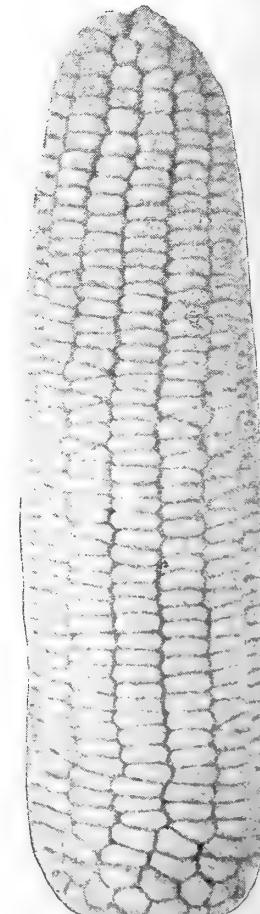
FOR PRICES ON LARGER QUANTITIES, SEE  
PRICE LIST, PAGE 81.



Paymaster Corn



Corn, Mosby Prolific



Schwill's 90-Day White Corn

## SELECTED SEED CORN

### Hickory King

100 days. The cob is so small and the grain is so large that when an ear is broken in half one grain will cover the entire end of the cob. Nearly all of the stalks bear two ears, and we consider it one of the best white corns grown. Does well on thin land. Qt. 25c; 4 qts. 70c, post paid.

### Large White Flint

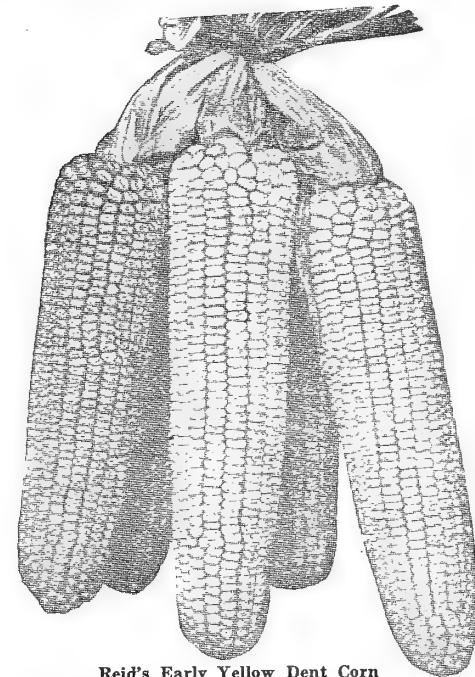
Matures in about one hundred days. Very large ears, 12 to 15 inches long, of symmetrical shape and flinty white color. The stalks are tall, leafy and generally produce 2 to 3 ears. Largely grown by dairy farmers for fodder. Qt. 30c; 4 qts. 75c, post paid.

### Boone County White (120 Days)

A large eared variety. Is especially adapted to Southern States. Requires from 100 to 120 days to mature. The ears are of large size, well proportioned, well rounded at butt and tip. Qt. 30c; 4 qts. 80c; post paid.

### New Brazilian, or Stooling Flour Corn

This corn, as the name indicates, is inclined to stool, and one grain will produce, in many instances, more than one stalk. Each stalk bears 2 to 3 ears, 5 to 7 inches in circumference, 9 to 12 inches in length, and beautifully white. It produces an abundance of fodder, and is the best variety for ensilage. It yields 30 to 50 bushels of corn per acre, and the ears are fine for roasting although not sweet. It does not require a very rich soil and, therefore, the best variety for poor soils. The kernel contains more starch than any other corn, and ground and bolted by the same process as wheat, gives a fine flour that will make bread, biscuits, etc., the same as the wheat flour. Qt. 40c; 4 qts. \$1.25, post paid.



Reid's Early Yellow Dent Corn

## YELLOW VARIETIES

### Reid's Early Yellow Dent

This is a leading standard yellow variety, originated in Illinois many years ago, and is a type that experts have failed to change for the better. In our opinion this is the most popular variety of yellow corn grown in the United States. We offer fine stock of this leading standard variety, which is among the best all around purpose Yellow Dent Corn grown. Color deep yellow, with lighter cap. Grain very deep, closely packed; butts and tips almost entirely covered over. The leaves and stalks of Reid's Yellow Dent make fine ensilage and fodder. Well adapted for our Southern country. Matures in 90 days. Qt. 25c; 4 qts. 75c, post paid.

### Schwill's Ninety-Day Early Yellow

This is a standard variety; matures quick and yields good crop. Is used extensively by truckers and market gardeners. Qt. 20c; 4 qts. 60c, post paid.

### Iowa Gold Mine

This is a very early variety, ripening in 90 days. The ears are large and the cob small; the grain is deep and a bright golden yellow. Qt. 20c; 4 qts. 60c, post paid.

### Improved Yellow Leaming

A very popular and extremely productive variety. The ears are long, cob small, well filled with small, deep, orange-yellow grains. Matures in 100 to 110 days. Qt. 20c; 4 qts. 60c, post paid.

### Mortgage Lifter

A large-eared variety of yellow corn. Matures medium early, about 95 days; a big yielder. The ears are well filled with bright yellow grains of fair size. Qt. 25c; 4 qts. 70c, post paid.

### Tennessee Mammoth Yellow

A Southern-grown, large-eared yellow corn. The ears are of perfect shape, long, and filled to the end of cob. The grains are not of a flinty type, neither are they soft. Qt. 25c; 4 qts. 70c, post paid.

### Early Yellow Canada

A long, 8-rowed, flint variety of yellow corn. It is very early, and is planted in both field and garden. Grows and produces well, and makes excellent roasting ears. Qt. 30c; 4 qts. 75c, post paid.

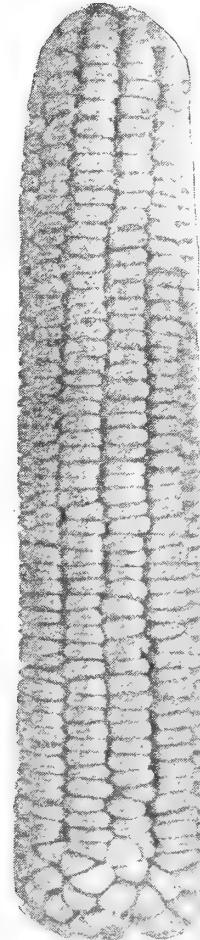
## ENSILAGE AND FODDER CORN

### Eureka White Ensilage

Grows tall and leafy and gives fine results for an ensilage crop. Price of the foregoing two varieties, uniform, as follows: By parcel post, qt. 30c; 4 qts. 75c, post paid.

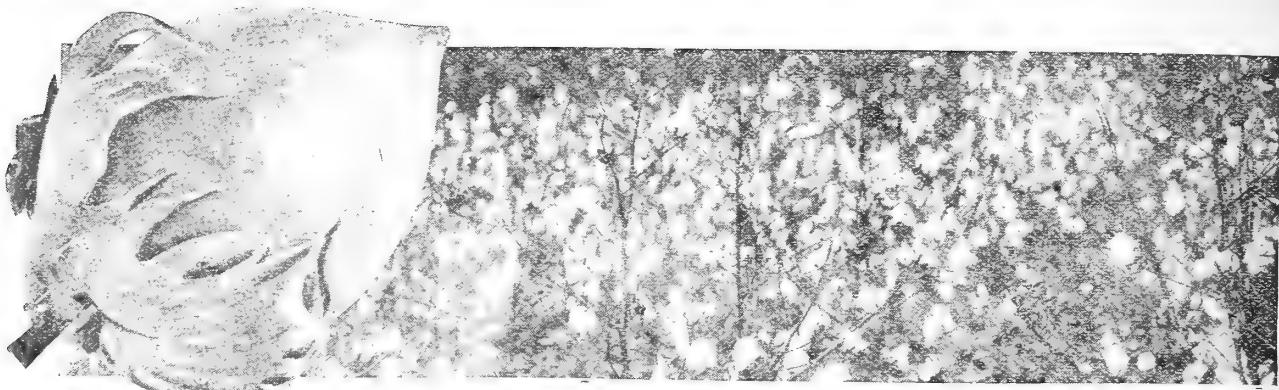
FOR PRICES ON LARGER QUANTITIES, SEE PRICE LIST, PAGES 81-82.

Tennessee Mammoth Yellow



Schwill's Yellow 90-Day

## SCHWILL'S HIGH BRED COTTON SEED



In selecting our planting seed we have been guided by our principles of quality and service. We have made every effort to buy the highest and purest bred seed from the most reliable growers. And we attempt, in all cases, to give complete satisfaction.

Existing conditions are such that to make the cotton crop a success we must use every known means to increase and hasten production. Otherwise boll weevil, army worm and inclement weather will repeat the ravages of 1923.

During the past few seasons an application of nitrate of soda has proved a universal success. In many instances acid phosphate has increased yields sufficient to warrant its use—this used in connection with nitrate of soda at the rate of 200 pounds of acid phosphate to 100 pounds of nitrate of soda has given satisfactory results.

We have listed below only the most popular kinds or those that have proven satisfactory the past season.

### Half and Half

This, undoubtedly, will be the most popular variety of the year. For this reason we have used every precaution to select and purchase the genuine seed, grown in the heart of the Half and Half belt.

On fertile land, with good seasons, its lint will run nearly 50 per cent. Hence, its name. It is earlier than King's and stands drouth better than the average varieties. Half and Half is of medium boll, prolific, and the staple is about 1 inch.

Because of the ease of picking, its general heavy yield in the field and the fact, farmers say, that it brings as much money as the others, Half and Half is one of the best money-makers we can recommend.

### Wannamaker Cleveland

This is probably the best known of all the early maturing short cottons on the market today. It is the result of years of breeding work on the part of W. W. Wannamaker & Sons over in the Carolinas, this firm being one of the foremost cotton seed breeders in the South. They took the old Cleveland cotton to begin with, and through "plant to row" breeding methods for several years, produced a strain very much earlier in maturity than the parent plant, which is what they desired, for they wanted a cotton "to beat the boll weevil." The cotton has not quite so big a boll as the original Cleveland nor quite so long a staple; however, it classes as a big boll type and staple runs from 1 inch to 1 1/16 in length. It combines the three most desirable characteristics in a cotton for boll weevil conditions and elsewhere—extreme earliness of maturity, extra large lint out-turn at gin, and prolific yield in the field. It comes nearer thriving under any and all conditions than any other variety we know of, and is recommended by the different Experiment Stations for both hill and valley lands. Seeds are straight, brownish color, bolls are large, plants uniform, foliage medium, lint percentage 39, staple 1 to 1 1/16 inches.



Wannamaker-Cleveland

### Delfos 6102

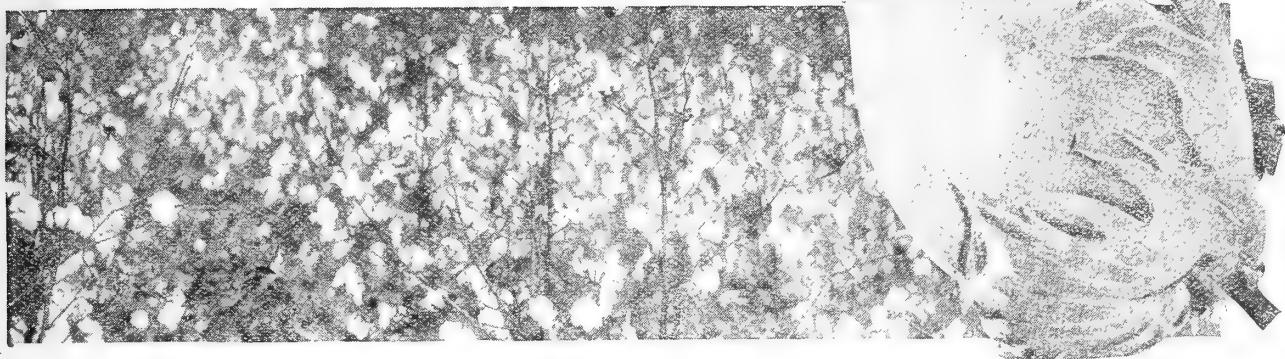
Delfos 6102 is the highest development of any cotton today. It is the result of ten years constant breeding at the Delta Station, Miss. Delfos produces a plant not over four feet high

even on the best delta lands, and sets its fruit early on numerous lateral branches, beginning close to the ground. It is very short jointed and will invariably produce a boll at each joint. The foliage is very light, resembling the willow leaf butter bean. Pulls a staple of 1 3/16 inches full, will mature in 100 days, and gives out 31 to 33 1/3 per cent.

### Express 350

This strain is unquestionably far superior to the original Express Cotton, which was a splendid variety to begin with. Express 350 has a staple of 1 1/8 to 1 3/16 inches, yet it matures as early as the earliest short cottons. It is true that the lint out-turn at the gin is smaller, but the big yield it makes in the field, combined with the big premium in price you get for the lint, makes Express 350 pay big money to the farmer. We do not recommend it for poor hill soils, but on good soil, and on the rich bottom lands of the Delta particularly, Express 350 has won a place second to none in popularity.

## FOR PARTICULAR PLANTERS



### King's Early Improved

A very early, small boll, small seeded variety, matures two weeks earlier than any other sort and nearly always thirds itself. On account of its extreme earliness it is largely planted in the boll weevil infected sections, as it matures most of its crop before the weevil makes its appearance; lint turn-out 36 per cent.

### Simpkins Prolific

Early for boll weevil lands. A selection from King's and practically as early. Resembles King's very much in growth and shape. This does not show, however, except a small percentage of red spot in the bloom. This cotton has been advertised by a number as being ten days earlier than King's. This, however, is wholly untrue and unjust to buyers. King's and Simpkins open at the same time. We have quite a number of growers who claim the superiority of this cotton on account of it being more prolific than all early varieties and we must admit that selected stocks show extreme earliness and heavy fruiting. We had a number of growers last year under boll weevil conditions that have made an average crop and some that were in badly infected areas that produced over one bale to the acre. Our stocks of this variety as well as King's are North Carolina grown, and we only offer seed from this section.

### Rowden Early Big Bowl Cotton

(Short Staple). Early, for boll weevil lands, lint  $15/16$ -inch. It originated in Texas. Big boll, 50 bolls making 1 pound seed cotton. Bolls are pointed. Quite storm resistant. Locks mostly five; hang together and picking with it is quite easy. Lint percentage is above medium; maturity medium; staple medium. It is one of the prime favorite varieties in the boll weevil region.

### Acala No. 5 Cotton Seed

This cotton has reached a high state of development. It combines the good qualities of several of our best known varieties, with none of their faults. Extra earliness is necessary in any cotton where the boll weevil is present. Acala No. 5 is extra early—earlier than Wannamaker-Cleveland. It has a staple usually of  $1\frac{1}{8}$  inches or more, equal to the famous Express, but in addition its "out-turn" at the gin is 36 to 40 per cent, which is remarkable for that length of staple or for any staple. The boll is almost as large as the Mebane Triumph, absolutely storm proof, yet is easy to pick; foliage light to medium, allowing the sunlight to reach all the branches and mature all bolls.

### Mebane Early Triumph

For several years there has been an increasing demand for a tough-fibre-cotton of medium staple; something between the ordinary short varieties and long staples. Mebane Triumph is ideal in this respect;

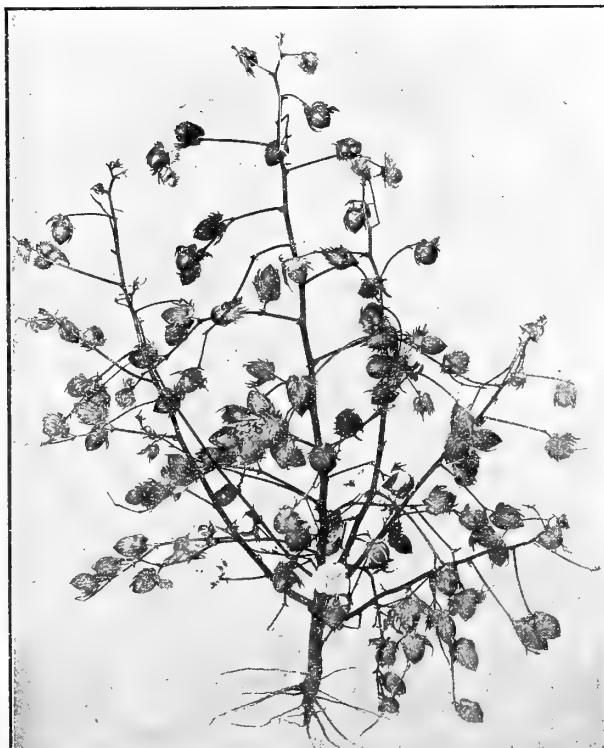
pulls from  $1\frac{1}{16}$  to  $1\frac{1}{8}$  inches, has a strong, tough fibre, storm-proof and makes a good "bender" cotton, bringing good premium in price. Extra large boll, easy to pick, drought resistant, lint out-turn at gin 37 to 39 per cent, and one of the earliest of the extra big boll cottons.

### Webber 49

This we consider one of the very best long staple cottons, as it is a heavy fruiting variety, making quality lint  $1\frac{1}{4}$  to  $1\frac{1}{8}$  inches in length. It matures early and is extensively grown by many planters.

### Delta Foster

An early long staple cotton, maturing in 90 to 100 days; very easy to pick, with a turn-out of 30 to 31 per cent, and staple  $1\frac{3}{16}$  inches.



Half and Half Cotton



## SOJA, OR SOYBEANS

### ONE OF THE BEST SUMMER FORAGE CROPS

In addition to the fact that Soja Beans make one of the best summer forage crops, and are splendid soil improvers, they are coming rapidly into use and popularity for use as table beans, and also for canning, the same as navy beans for "pork and beans." They are also being very largely used for the extraction of oil for commercial purposes. Their uses for these purposes have increased their popularity to a wonderful extent. To grow for a crop of beans, they should be planted in drills 3 feet apart, at the rate of  $\frac{1}{2}$  bushel to the acre, and cultivated the same as for corn. For a forage and soil improving crop, they are best sown broadcast at the rate of about a bushel to the acre. For forage and soil improving purposes, however, they give, in our opinion, best results when sown in connection with cowpeas, and half a bushel of Soja Beans with 3 pecks of cowpeas to the acre will give excellent results.

### Mammoth Yellow

The largest growing and the most popular of Soja Beans for forage purposes. A little later in maturing than other kinds, but makes larger yields, both of forage and seeds. 1 qt. 25c, postpaid.

### Biloxi Soybeans

This bean is different from all other Soys, being larger in type and usually over 6 feet high, wide branching with much foliage. This extra foliage is of great advantage for the silo, for soil renewing, etc. Stems are large, but hollow and cure easily. Pods scatter seed very little; two weeks later than the Mammoth Yellow. A rank grower and fine for fall pasturing, seed production and planting in corn for silage. One bushel usually plants 4 to 5 acres, three-fourths of a bushel broadcast. Price, 40c per qt., postpaid.

### Laredo Soybeans

Laredo Soybean is a vigorous grower and a great yielder of both forage and grain. It can be planted from the middle of May to July 10th, and is a month to six weeks earlier in maturity than even the Oo-Too-Tan. For broadcast seeding 42.2 pounds of Laredo will give as many plants per acre as 150 pounds of the Mammoth Yellow, according to figures given out by the Delta Branch Experiment Station, Stoneville, Mississippi. The plants stool out like oats and send up from six to 15 branches. It is said to be the only soybean immune to root knot and nematode. It has no equal as a bean producer and few rivals as a soil improver. Price, 75c per quart, postpaid.

### Oo-Too-Tan Soybeans

Oo-Too-Tan is one of the coming fine stemmed leguminous hay makers of the South. Oo-Too-Tan grows entirely different from other Soybeans; the main stem is erect, 3 to 4 feet high, and from it running branches extend as far as 7 or 8 feet. The bean pods are borne at the leaf joints three to five beans at each one and make at the rate of perhaps 40 bushels per acre. Seed are small and black in color. From April to June, may be planted after oats; drop 3 or 4 seed every 18 inches in 3 foot rows. Cover lightly, not over 2 inches deep. Plant one-half peck per acre. Work two or three times with shallow cultivator. Price, 50c per quart, postpaid.

## VELVET BEANS

### A GREAT FORAGE AND SOIL IMPROVING CROP

Velvet Beans make an enormous growth of vines; greater, in fact, than any other known forage plant, in the same length of time, far surpassing the cowpea in growth. Velvet Beans are usually planted in rows 4 to 5 feet apart, at the rate of about half a bushel per acre. As a soil improver they are considered superior to cowpeas, as they make larger growth and heavier foliage. In the South these beans are very generally grown in with the corn. The corn is planted in rows five feet apart, and the corn about three feet apart in the row, and the beans planted in the drill between the corn. At the last working of the corn beans are planted again in the middles between the rows of corn. When the corn is dry, it is pulled from the stalk and the cattle afterwards turned in to graze in the Velvet Bean and corn field. It furnishes most nutritious and fattening food for cattle, and is considered the cheapest method of fattening cattle known, and at the same time the roots and what is left of the vines after the cattle are taken off when turned under, make a good soil improver.

### Early Bird Speckled

This early speckled Velvet Bean is a variety that matures in 90 to 100 days, and can be grown in almost any part of the South. The Early Bird Bean may be planted in April or May, in the drill with corn, or in rows close to corn, preferably after a rain, and cover shallow. The cultivation of the corn does the rest. The beans will begin to mature in July and will about have finished maturing October 1st, or before frost in any section of the Southern states. 1 qt. 30c, postpaid.

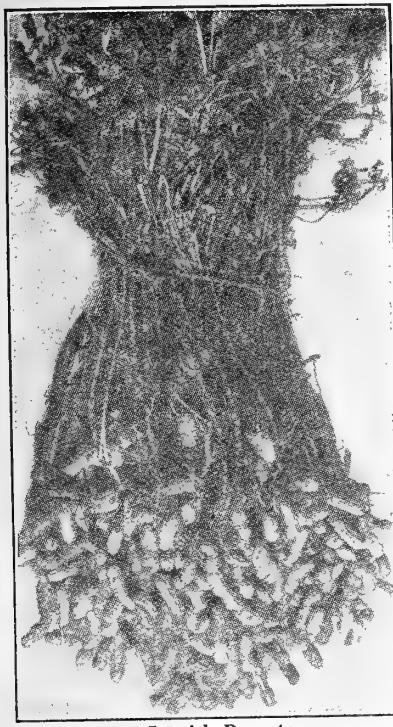
### Osceola

This new velvet bean has several advantages over the early speckled varieties. It is free from the stinging fuzz or velvet on the pods, which makes the other varieties very unpleasant to handle. It has larger beans and pods, making them less expensive to gather, and is also much earlier than most of the other beans. It is two weeks earlier than the 100-day. Comes to get ripe about September 1st, and largely ripened by September 15th; all ripe last September. Will make 25 per cent more beans than the 100-day. Blooms mostly purple. 1 qt. 35c, postpaid.

### Georgia Bush Velvet Beans

Grows up and stands sturdily as a bush, distinct entirely from the twining variety. The upright bush grows  $3\frac{1}{2}$  feet high with limbs branching from the bottom. Planted in the middle of 5-foot corn rows, it fills the whole middle and does not interfere or strangle the corn. Can be grown for hay and the seed sown broadcast up to June 1, makes three times as much hay as cowpeas. Also fine for winter grazing. Stock like it better than the vining varieties. The seed is a little smaller and darker than the seed of the 100-day Speckled Velvet Bean. The pods are a little shorter and they have no sting whatever, a very desirable feature. For hay, sow one bushel broadcast per acre in May or June. In the corn plant about April 15. After the corn is up, in the middles about one-half peck per acre. Price, qt. 50c, post paid.

# FIELD BEANS, COW PEAS AND PEANUTS



Spanish Peanuts

## White Navy

Largely grown in many sections as a commercial bean. Vines are very prolific, producing a large quantity of shelled beans per acre. Cultivate same as Marrow Beans. Qt. 55c, post paid.

## Tepary

One of the most wonderful plants ever presented to the dry farming public. It will make a fair crop in 75 days, and a good crop if they have 90 days. If struck by drouth it will ripen the pods already set and when the drouth breaks it will set and ripen a new crop. Under ordinary conditions they yield from 400 to 700 lbs. per acre. The beans are white, cook well, have a delicious flavor. Qt. 55c, post paid.

## Castor Beans

(*Ricinus* or Castor Oil Bean). Plant like corn, in March and April; use  $\frac{1}{2}$  peck of seed to the acre in rows 4 feet apart; thin plants to 24 inches. The plant prefers a rich, well drained sandy or clay loam. Qt. 55c, post paid.

## Mexican Pinto

This is a popular bean in Mexico, and should be grown more largely here. As a table bean it is excellent, both as a dry and green shelled bean. This bean has found great favor wherever tried, especially in Texas. Qt. 55c, post paid.

## Mung Bean

Wonderful new bean for forage. Heavy seeder, grows well on light or clay soils, produces tremendous quantity of nitrogen nodules on its roots. Beans are excellent for table use. Matures in 90 to 100 days, a little earlier than speckled pea, but can be planted at any time and the same way as cow peas. Plant grows upright like soja bean, making it easy to cut with blade or machine. Leaves stay on stalk well while being handled. 1 lb. 50c, post paid.

## Canada Field Peas

Every year there is more inquiry for field peas. As a fertilizer they come next to clover, to be plowed under when they commence to blossom. They will grow on land that will not produce clover. Sow 1 $\frac{1}{2}$  to 2 bushels to the acre; or, if with oats, sow 1 bushel of each. Qt. 40c, post paid.

## PEANUTS

Plant in May and June, in 3-foot rows, dropping seed 12 inches apart; 1 $\frac{1}{2}$  bushels of unhulled nuts will plant 1 acre. Merely break hulls in half, they do not need to be shelled before planting.

### Spanish Peanuts

Nuts small, very productive, fine for hogs. 1 lb. 25c, post paid.

### Tennessee Mammoth Long Red

Easily cultivated; erect, bushy habit; productive. 1 lb. 30c, post paid.

### Mammoth White Virginia

Large size pods; best variety for commercial use. 1 lb. 30c, post paid.

### Valencia Peanuts

Also known as the Red Spanish. It is a trifle longer and larger than the White Spanish, similar otherwise. Skin dark red, and on account of having 3 and 4 to the pod, and being prolific, is highly prized. 1 lb. 35c, post paid.

### Chufas (Earth Almonds)

Used to fatten hogs. Plant in April and May, in rows 3 feet apart, and 8 to 10 inches apart in the row. Soak seed in warm water before planting; 1 peck is sufficient for 1 acre. 1 lb. 35c, post paid.

## FIELD BEANS

### White Marrow

Plant in June or July, usually makes a very profitable crop to grow as shelled white beans for market. Planted in rows 3 feet apart, dropping 2 to 3 together, a foot apart in rows. Cultivate early, as they grow rapidly, but do not work them while the dew is on the foliage. Do not cultivate after they begin to bloom. Qt. 55c, post paid.

### White Kidney

Easily grown. Plant and cultivate same as White Marrow Beans. A good, strong growing variety. It is much used for shelling when the pods turn yellow so the beans are well developed. Qt. 55c, post paid.

## FIELD, OR COW PEAS

Cow Peas make one of the largest yielding and most nutritious forage crops grown. There is also no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Peas. It is not necessary to turn under the crop of vines to improve the soil, and it is really considered more economical and the best way to cut off the crop of vines and cure them as a forage or hay crop, and then turn under the stubble and roots. Even when the crop is cut off, the land is left in very much better mechanical condition, and the productiveness very much increased over what it was before the crop was grown. The Cow Peas, to a greater extent than any other leguminous crop, have the power to extract nitrogen and ammonia from the atmosphere and to store same in the vines and roots, so that, even if the crop is cut off, the land is enriched and its condition improved.

We can supply, in season, any of the following varieties:

WHIPPOORWILL or SPECKLED	RED RIPPER	CLAY
UNKNOWN or WONDERFUL	BLACK	MIXED

Qt. 30c, post paid.

## WHITE TABLE PEAS

### California Large White Blackeye

Very large, kidney-shaped peas, maturing the earliest of all; fine for early market. Qt. 40c, post paid.

### White Brown-Eyed

A desirable table pea. Prolific. Qt. 35c, post paid.

### White Lady Peas

Very small seed but strong growing and prolific pea for table use. Peas are creamy white and of the finest quality. Qt. 40c, post paid.

### Crowder Peas

Exceptionally fine for table use. Prolific and very sweet. Qt. 60c, post paid.

## MISCELLANEOUS FARM SEEDS

### Early Burt Oats

The quickest growing, most prolific and surest growing of the spring oats. Good for thin land. Sow 2 bushels to acre.

### Red Rust Proof Oats

These oats are very popular throughout the South. They do well on any good land and are very productive. They are sown both in the spring and fall at rate of two bushels to acre.

### Appler Oats

A very hardy variety, rust-proof and a heavy yielder. Mature ten days earlier than native rust proof and about a week later than Burt.

### Winter Turf Oats

This oat is unsuited for spring planting. They are best planted in the fall and will furnish excellent winter and spring pasture.

### Japanese Buckwheat

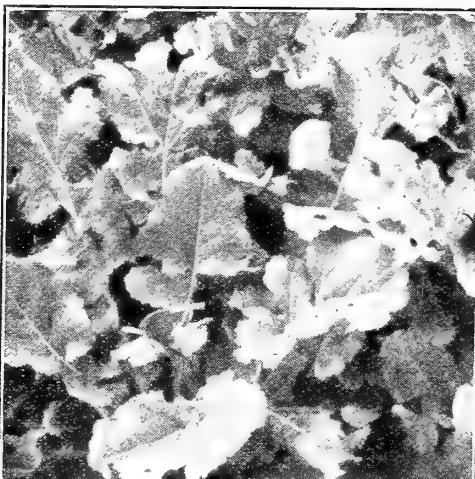
Sow in April, May or June, 1 bushel broadcast to the acre. 1 lb. 25c; post paid.

### Silver Hull Buckwheat

Splendid for bees, also makes best grain. Sow in June, 1 bushel broadcast to the acre. 1 lb. 25c, post paid.

### Imp. Evergreen Broom Corn

A favorite in all sections. Grows to a good length and, if cut at the proper time, retains a good color. Six pounds of seed are required for an acre when drilled in rows 3 feet apart. 1 lb. 25c, post paid.



Broom Corn, Improved Evergreen

### Dwarf Oklahoma

#### Broom Corn

This variety grows only 3 or 4 feet high, and is much easier handled than the tall growing sorts. The brush is straight, smooth and of good quality. 1 lb. 25c, post paid.

### Spring Vetch

Better for spring sowing than the Winter Vetch. A nutritious and valuable forage and soil-improving crop. Large and quick growth. Sow 50 lbs. to the acre. 1 lb. 30c, post paid.

### Sand or Hairy Vetch

Sow from July to November, preferably with grain, which will hold vetch off the ground. Sow 50 lbs. to the acre. With grain, 1 peck to the acre. 1 lb. 40c, post paid.

Rape, Dwarf Essex

### Upland Rice

An early variety which can be grown on any ordinary land without irrigation, although it prefers a moist situation. Sow 1 peck per acre. 1 lb. 40c, post paid.

### Speltz or Emmer

Matures as early as Barley and grows as tall as Rye, but is of better feeding value than either. It is tough and hardy and stands drouth better than any other grain. Sow in March, 1 bushel to the acre, broadcast. 1 lb. 25c, post paid.

### Early Wonder Spring Wheat

Sow for hay or grain in February and March, 1 bushel to the acre. 1 lb. 25c, post paid.

**NOTE**—We also handle in the fall the popular varieties of Winter Wheat.

### Beardless Barley

It makes a quick growing crop of most excellent and nutritious feed, either to use green or to cure as hay. Sow 1½ to 2 bushels per acre. 1 lb. 20c, post paid.

### Russian Sunflower

Plant in March, April and May, 6 pounds of seed to the acre, making rows 3½ feet apart, dropping 2 seeds every 18 inches; cultivate like corn. 1 lb. 25c, post paid.

### Teosinte

A valuable continuous cutting forage plant for Southern and Southwestern States, furnishing a most nutritious food, green or dry, for horses and cattle. It resembles Indian corn, the leaves being larger and the sap sweeter. Sow in May or June, in drills, 3½ to 4 feet; 2 to 3 lbs. per acre. ¼ lb. 35c; 1 lb. 85c; 5 lb. \$3.70, post paid. Not prepaid, 1 lb. 75c; 5 lb. \$3.50.

### Rape, Dwarf Essex

This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. Any corn soil will grow rape. Sow the seed any time in March and by the end of June, and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 6 lbs., and if in drills, 2 lbs. to the acre. 1 lb. 25c; 5 lb. \$1.00, post paid.



Teosinte

FOR PRICES ON LARGER QUANTITIES, SEE PRICE LIST, PAGE 82

## SORGHUMS AND MILLET

### SORGHUM

Sow broadcast for hay or roughness 1 bushel or 50 pounds per acre; for sorghum or grain,  $\frac{1}{2}$  peck per acre, any time from April to August.

#### Texas Seeded Ribbon Cane

This cane gets its name from being a variety that closely resembles the true Ribbon Cane raised from cuttings. Makes the finest of syrup. 1 lb. 25c; post paid.

#### Japanese Honey Syrup Cane

The best of the canes for making syrup ever introduced. It is a big yielder and has found great favor with everyone who has tried it. 1 lb. 25c, post paid.

#### Early Orange Sorghum

Largely used for hay and fodder. It is taller and has heavier stalks than the Early Amber. 1 lb. 20c, post paid.

#### Early Amber Sorghum

The earliest type in cultivation. Stalks tall and slim. Most suitable for hay, as it matures very quickly. 1 lb. 20c, post paid.

#### Red Top Sorghum

Grown extensively in Middle Tennessee. Very sweet and one of the best for hay. 1 lb. 25c, post paid.

#### Kaffir Corn

A most excellent fodder plant. Grows 5 to 6 feet high, making a straight, upright growth. The stem or stalk bears numerous wide leaves. The stalks keep green and are brittle and juicy, making excellent fodder, either green or dried. Sow 10 lbs. seed per acre, in drills; one bushel broadcast. Can supply either Red or White Kaffir Corn. 1 lb. 20c, post paid.

#### Feterita

A non-saccharine cane, a new forage crop for the South. Similar to Kaffir Corn in general habit, but grows a little taller and produces larger heads, standing erect, white seed and early maturity. Its greatest value, however, is its great ability to resist drouth. Feterita should be planted any time from April to June, in rows about 4 ft. apart when it will take about 3 lbs. of seed per acre. 1 lb. 20c, post paid.

#### Yellow Milo Maize

This is a plant very similar in manner of growth to Kaffir Corn, but is preferred by many growers, who claim that it produces more grain per acre and better quality of forage than any of the non-saccharine sorghums. Sow same as Kaffir Corn. 1 lb. 20c, post paid.

## MILLET

Millet makes a large-yielding and most nutritious hay crop, quick growing and easily cured. It, however, requires to be seeded thickly—not less than 1 bushel per acre, and the crop should always be cut while in bloom, before seed hardens in the head. If the seed is allowed to form the stalks get hard and it does not make nearly as good hay, and at the same time is more exhaustive to the land. Can be sown any time from the middle of April to the end of July. Do not sow too early.

#### Tennessee Golden Millet

This true Tennessee cultivated Golden Millet is sown more largely in the South in preference to any other variety, as it is true stock and produces more abundantly nutritious hay than the others. 1 lb. 25c, post paid.

#### Western Golden Millet

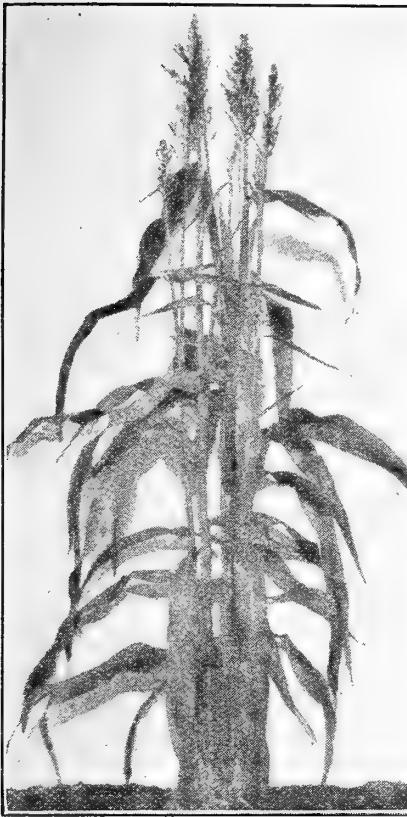
This variety is very similar to the Tennessee Golden; however, it does not produce quite as much hay, and the heads are not quite so large. 1 lb. 20c, post paid.

#### Japanese, or Barnyard Millet

This is a forage plant of great value, growing in most any soil. It has been known to produce 3 to 5 tons of fodder if planted early. After second cutting it will afford a pasturage all the fall. It is relished by all stock, and is sometimes called the Billion Dollar Grass. 1 lb. 30c, post paid.

#### Pearl, or Cat Tail Millet

Makes a splendid quick-growing, continuous-cutting forage crop, either for green food or hay, and is fine for dairy cows. If sown broadcast, use 20 to 30 pounds to the acre, but quicker and more frequent cutting will be obtained if sown in drills 3 feet apart and cultivated occasionally, using 5 pounds of seed per acre. 1 lb. 40c; 5 lb. \$1.75, post paid. Not prepaid, 1 lb. 30c; 5 lb. \$1.50; 10 lb. \$2.75.



Japanese Honey Syrup Cane



Tennessee Golden Millet

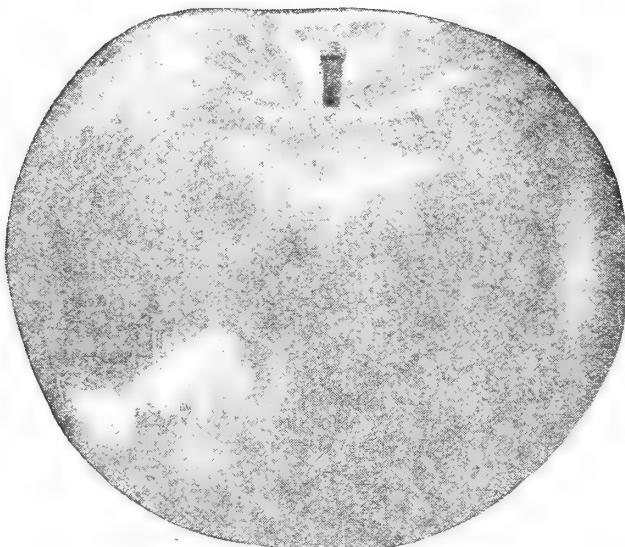
## NURSERY DEPARTMENT

# Fruit Trees, Grape Vines, Strawberry Plants, Etc.

Especial attention is called to the very superior quality of the Nursery Stock we supply. It is first class in every respect, smooth, straight, handsome. No orders filled after April 1st, trees being mostly leaved at that time, and will seldom prove satisfactory.

Terms are strictly cash. We do not send out Trees or Plants C.O.D. under any conditions.

All prices are f.o.b. Memphis.



Winesap Apple

### Apples

2-year-old Trees ..... each \$.70; 10 for \$6.00  
3-year-old Trees ..... each 1.00; 10 for 8.50

#### SUMMER VARIETIES

Early Colton—Yellowish white; ripens in July.  
Duchess of Oldenburg—Yellow, striped red; ripens in July.  
Early Harvest—Fine yellow; ripens in June.  
Horse—Large, yellow, fine for cooking; ripens in August.  
May Pippin—Greenish yellow; ripens in May and June.  
Red Astrachan—Greenish, covered crimson; ripens in June.  
Red June—Dark crimson, fine grain, moderately juicy.  
Summer Queen—Flesh yellow, firm, rich; ripens in May.  
Yellow Transparent—Large, clear, yellow, juicy.

#### FALL VARIETIES

Bell Flower—Oblong, fine rich yellow, juicy, acid.  
Fall Pippin—Large, yellow; ripens in September.  
Rome Beauty—Large, red, white flesh.  
Yates' Mammoth—Richly striped; ripens in November.

#### WINTER VARIETIES

Arkansas Beauty—Large, bright red; succeeds well.  
Arkansas Black—Large, dark crimson; flesh yellow.  
Ben Davis—Large, greenish yellow, striped with red.  
Grimes Golden—Golden yellow, crisp, tender, juicy.  
Jonathan—Large size; rich color, handsome variety.  
Kentucky Streak—Large, handsome, flesh white.  
Kinnard's Choice—Medium, flesh crisp, highly flavored.  
Shockley—Waxen yellow, with crimson cheek.  
Winesap—Rich, dark red, flesh fine, creamy yellow.  
Staymen Winesap—Similar to Winesap, better quality.  
Delicious—Very large, oblong, rich crimson, shaded to yellow.

### Crab Apples

Each.....\$.75 Ten.....\$6.50

Golden Beauty

Red Siberian

Yellow Siberian

### Apricots

Strong 2-year-old Trees ..... each \$1.00; 10 for \$8.50  
Early Golden—Small, pale orange, juicy and sweet.  
Moorepark—Medium size, good keeper.  
Russian—Of best quality, ripens early; very productive.

### Fig Bushes

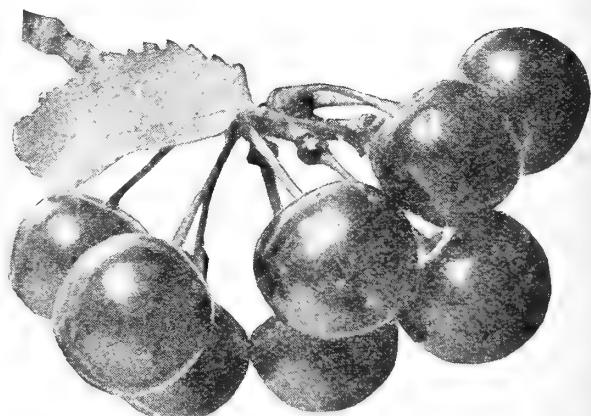
Price, either variety, 1-year-old trees .each \$1.00; 10 for \$8.50  
Brown Turkey—Medium size, very sweet, prolific, hardy.  
Celestial—Very large, violet, good and productive.  
Lemon—A beautiful lemon-colored fig, very sweet.

### Japanese Persimmons

The Japan Persimmon is thoroughly adapted to the Cotton Belt. The fruit varies in color and shape. We offer two of the best kinds, well adapted to this latitude, in four distinct sorts. Price, 2 to 4 feet, each \$1.00; ten for \$9.00.

### Nectarines

Strong 2-year-old trees ..... each 75c; 10 for \$7.00



May Duke Cherry

### Cherries

2-year-old Trees ..... each \$1.00; 10 for \$8.50  
Black Tartarian—Black, juicy; ripens last of June.  
Early Richmond—Fine, very early; ripens in May.  
Governor Wood—Very large; ripens last of May.  
Late Duke—Light red; ripens last of June.  
May Duke—Large, dark red; ripens in May.

### Rocky Mountain Cherry

A fruit for all people and all sections. One of the greatest novelties in the fruit line ever introduced. It bears every year and is as prolific as a currant bush. Sixteen quarts have been picked from a 3-year-old tree. Grows to a height of 4 feet and has never been affected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size, fine flavor and unsurpassed for preserves or eating. Price, trees 18 inches high, each 75c; 6 for \$3.00.



Elberta Peach

## Peaches

2-year-old trees ..... each \$.70; 10 for \$6.00  
3-year-old trees ..... each 1.00; 10 for 8.50

### CLINGSTONES

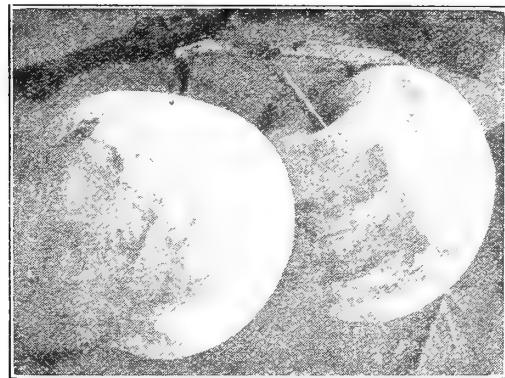
Chinese Cling—Creamy white; ripens July 15.  
Fitzhugh Lee—Creamy white, crimson blush; July.  
Heath Cling—Pale yellow, fine; ripens September.  
Indian Blood—Large, dark crimson; ripens August.  
Lemon Cling—Deep yellow; ripens end of July.  
Levy's Late—A fine, large late variety; ripens October.  
Morris October—One of the best; ripens October 1.  
Old Mixon Cling—Yellowish white; ripens August.  
Sneed, or Peeble's—Creamy white, half cling; ripens June.  
Stonewall Jackson—Very fine; ripens July 15.  
White English Cling—Very large, creamy white, with bush on sunny side, flesh very juicy; ripens August.

### FREESTONES

Admiral Dewey—Orange yellow, crimson cheek; June 15.  
Belle of Georgia—Large white; ripens July 20.  
Carmen—Freestone; ripens in June; large.  
Champion—Immense size, white, red cheek; August.  
Crawford's Early—Yellow, juicy; ripens August.  
Crawford's Late—Finest quality; ripens August 20.  
Elberta—Flesh yellow, juicy and sweet; ripens August 1.  
Greensboro—An early variety, large white; ripens June 15.  
Globe—Fine yellow; ripens October.  
Heath Free—Very tender, juicy and melting; September.  
Mountain Rose—White, splashed carmine; ripens July 1.  
Old Mixon Free—Yellowish white; ripens August 15.  
Piquet's Late—Flesh yellow, sweet; ripens September.  
Stump the World—Large, white, fine; ripens August 15.  
Wonderful—Handsome, productive; ripens October 10.  
Yellow St. John—Golden yellow; ripens June 20.

## Quinces

Strong 2-year-old Trees ..... each \$1.00; 10 for \$9.00  
Champion—Large and handsome; tender and rich in flavor.  
Orange—Large, round, golden yellow; very fine.  
Rea's Mammoth—An improvement upon the Orange; much larger.



Abundance Plum

## Plums

2-year-old Trees ..... each \$.80; 10 for \$7.50  
3-year-old Trees ..... each 1.00; 10 for 9.00  
Abundance—Large, sweet, juicy; very early, bright red.  
Burbank—Large, clear, cherry red, very sweet.  
Damson—Bluish purple, fine for cooking; ripens in August.  
Red June—Purplish red, flesh yellow, solid, juicy.  
Wild Goose—Very large and fine; ripens in June.  
Wickson—Purple red, firm, sweet and juicy.

## Grafted or Budded Pecan

The budded or grafted pecan will bear at six years of age, while the seedlings seldom commence to give fruit under ten years after planting. Price, 2 to 3 feet \$1.50 each, ten for \$12.50; 3 to 4 feet \$2.00 each, ten for \$17.50.

**Bradley Pecan**—Its good points are large size, thin shell, well filled and very prolific.

**Frotscher Paper Shell Pecan**—One of the best; large, thin shells; prolific bearing.

**Pride of the Coast**—Nuts frequently 2 inches in length; shell moderately thin; nuts will run from 24 to 32 to the pound.

## Seedling Pecans

These are raised from the large thin shelled nuts.

**Paper Shelled Seedling Pecans**—The nuts are large and very thin shelled. 4 to 5 feet, each \$1.00; doz. \$6.50.

## Standard Pears

2-year-old Trees ..... each \$.80; 10 for \$7.50  
3-year-old Trees ..... each 1.00; 10 for 9.00

Bartlett—Yellow, faint blush; ripens in August.

Clapp's Favorite—Resembles Bartlett; ripens in August.

Duchess D'Angouleme—Very large; ripens in October.

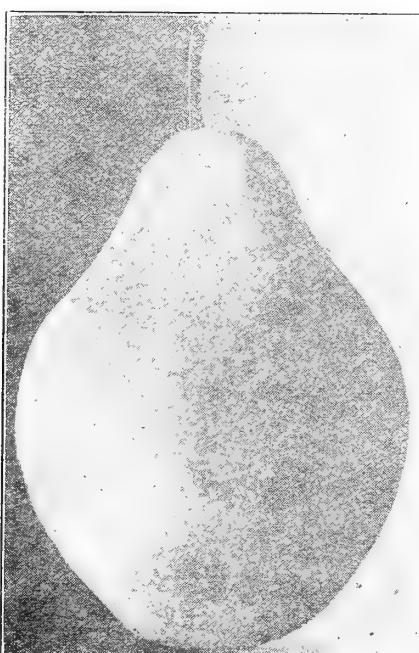
Flemish Beauty—Large, sweet; ripens in August.

Garber—Larger than Keiffer; beautiful yellow.

Koontz—Of large size and of good form and color.

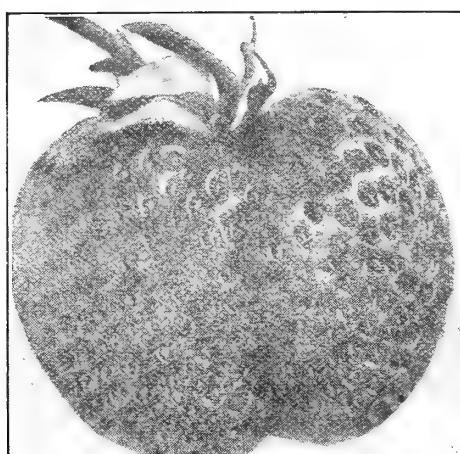
Keiffer—Golden yellow, tinged with red on one side, remarkably free from blight; ripens in September.

LeConte—Large, of fair quality; ripens in August.



Keiffer Pear

## SCHWILL'S QUALITY STRAWBERRY PLANTS



Klondyke Strawberry

### Lady Corneille Strawberry

A wonderful new strawberry from Louisiana, ripens with Klondyke, but continues in bearing longer; berries large, rich, glossy red, slightly long, uniform in size and shape; rich, juicy, sweet and delicious. The plant is vigorous, with dark green glossy leaves, and stands drouth better than any other variety. Lady Corneille is a better berry than Klondyke for shipping, being larger; darker in color, and carries well in transit. Flowers perfect, therefore will produce crop when planted alone. Price, post paid, 25 for 45c; 100 for 90c; 500 for \$2.75. By express, 100 for 75c; 500 for \$2.50; 1,000 for \$4.50.

Plant in February, March, April and November, on good ground, deeply worked and well manured. Set in rows  $3\frac{1}{2}$  feet apart, 15 inches in rows, for field culture; 15 inches each way for garden. Cultivate clean, mulch late in the fall and uncover early in the spring. Remove mulch after fruiting and spade in a light dressing of manure.

### Brandywine Strawberry

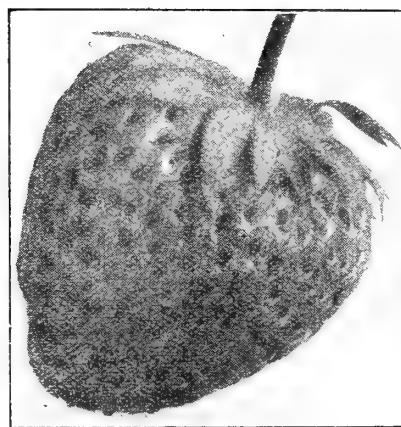
Largest, most brilliantly colored and most strikingly beautiful of all berries. It is truly glorious. Very early, right on the heels of Excelsior. King of markets where it shows itself. Price, post paid, 25 for 45c; 100 for 90c; 500 for \$2.75. By express, 100 for 75c; 500 for \$2.50; 1,000 for \$4.50.

### Gandy Strawberry

The best late variety; produces large even dark crimson fruit; a splendid shipper. Price, post paid, 25 for 45c; 100 for 90c; 500 for \$2.75. By express, 100 for 75c; 500 for \$2.25; 1,000 for \$4.50.

### Aroma Strawberry

Very large, late maturing, berries solid, deep red, uniform in size; does well in this section. Perfect blooming. Price, post paid, 25 for 45c; 100 for 90c; 500 for \$2.75. By express, 100 for 75c; 500 for \$2.50; 1,000 for \$4.50.



Lady Corneille Strawberry

### Lady Thompson Strawberry

Well known standard variety for home use; fruits large, slightly pointed, light red, but very sweet; perfect blooming. Price, post paid, 25 for 45c; 100 for 90c; 500 for \$2.75. By express, 100 for 75c; 500 for \$2.50; 1,000 for \$4.50.

### Superb Everbearing Strawberry

A new species, different from the ordinary strawberry, in that they bear in the fall. Many persons have the impression that the fall, or Everbearing strawberries, are difficult to grow successfully. This is an error; their culture is almost as simple as the ordinary kinds. For full crop in autumn it is best to remove all blossoms until about the first or middle of July. In all other respects they should be given the same treatment as other varieties of strawberries. Price, Superb Everbearing, as follows: Post paid, 25 for 60c; 50 for 90c; 100 for \$1.45; 500 for \$5.25. By express, 25 for 50c; 50 for 90c; 100 for \$1.25; 500 for \$5.00.

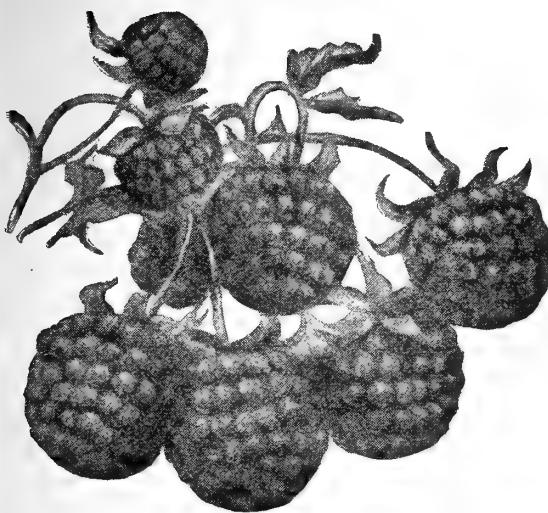
### Note, Large Buyers of Strawberry Plants

We are in a position to quote attractive prices to quantity buyers. State quantity wanted and varieties and we will quote price promptly.



Superb Everbearing Strawberry

## SMALL BERRIES AND GRAPES



St. Regis Everbearing Raspberry

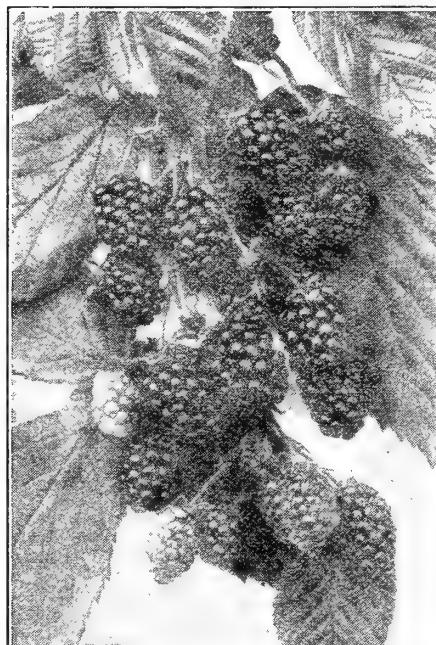
## Blackberries

Plant in good soil, in rows 5 to 6 feet apart, and 3 to 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

**Himalaya Giant**—A mammoth late blackberry, coming after the other berries are gone, ripens over a period of several weeks, making it especially desirable for family use. Fruit large, fine quality. Price, each 15c; 10 for \$1.25; 100 for \$10.00, by express.

**Eldorado**—Fruit large, roundish conical, rich glossy black; firm, juicy, sweet and excellent. Price, each 15c; 10 for \$1.25; 100 for \$10.00, by express.

**Early Harvest**—The earliest good blackberry, fruits well, of excellent quality. Price, each 15c; 10 for \$1.25; 100 for \$10.00, by express.



Himalaya Giant Blackberry

## Grapes

Strong 2-year-old vines. Price, each 40c; 10 for \$3.50, by express.

**Brighton**—Large, coppery red; best quality.

**Delaware**—Bunches small and compact; light red.

**Campbell's Early**—Large, compact, black berry.

**Early Ohio**—The earliest black grape; bunches large.

**Concord**—Large, black, juicy; sweet when ripe.

**Lutie**—Very early, large red; free from rot.

**Moore's Early**—Large, black, earlier than Concord; fine.

**Niagara**—Berries large, sweet, greenish white.

**Worden**—Concord type, large in bunch and berry.

## Scuppernong Grapes

**Scuppernong Grapes**—Bunches seldom ever composed of more than 8 or 10 berries; berries round, of a bronze color, when full ripe; vine is free from all disease and attacks of insects. 2-year, each \$1.00; 10 for \$9.00.

## Raspberries

Plant in rows 5 to 6 feet apart, 2 to 4 feet in the row. Cut the tops off within a few inches of the ground when planted. After the fruit season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

**Cumberland**—The largest black raspberry grown; immensely productive; quality fine; ripens very early. Price, by express, each 15c; 10 for \$1.00; 100 for \$9.00.

**St. Regis Everbearing Raspberry**—One of the greatest raspberries ever introduced. Plants of the St. Regis put out in the fall or early April gave ripe berries on the 20th of June. For four weeks thereafter the yield was heavy and the canes continued to produce ripe fruit without intermission until late October. The berries were large and beautiful, firm and full flavored, to the very last. The St. Regis is the only raspberry, as far as known, that is practically sure to produce a crop of fruit the season planted. Price, by express, each 20c; 10 for \$1.50; 100 for \$10.00.

**Gregg**—Black cap; very productive, large size, firm, black. Price, by express, each 15c; 10 for \$1.00; 100 for \$9.00.

**Cuthbert**—Fruit large, red, of excellent quality, yield very prolific; ripens middle of May, and continues for several weeks. Price, by express, each 15c; 10 for \$1.00; 100 for \$9.00.

## Dewberries

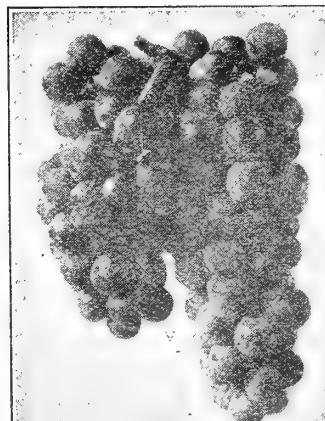
**Lucretia Dewberry**—The berries are far larger and incomparably better than any blackberry, and of unequalled excellence; soft, sweet and luscious throughout; of brightest glossy black color. Price, each 15c; 10 for \$1.00; 100 for \$9.00, by express.

## Gooseberries

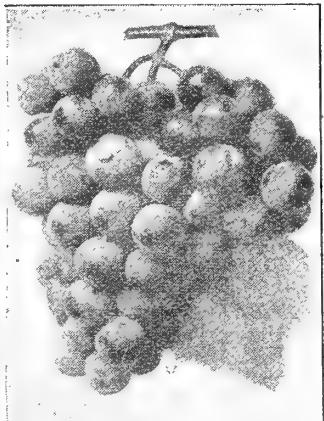
**Downing**—Large, pale green berries. Price, each 50c; 10 for \$4.00, by express.

## Mulberries

**Hick's Everbearing**—Produces immense crops; splendid for poultry and hogs. Price, each \$1.00; 10 for \$9.00.



Concord Grape



Campbell's Early Grape

## ORNAMENTAL SHRUBS AND EVERGREENS



Althea, white, pink and red (double).....	each 50 cts.; 10 for \$4.00
Barberry, low graceful shrub .....	each 50 cts.; 10 for 4.00
Butterfly Bush, everblooming summer Lilac.....	each 50 cts.; 10 for 4.00
Crape Myrtle, white, red, pink and purple.....	each 75 cts.; 10 for 6.00
Calycanthus, old-fashioned sweet shrub .....	each 50 cts.; 10 for 4.00
Deutzia, three varieties, all good .....	each 75 cts.; 10 for 6.00
Exochorda or Pearl Bush, splendid large shrub.....	each 75 cts.; 10 for 6.00
Forsythia or Golden Bell.....	each 50 cts.; 10 for 4.00
Globe Flower or Double Kerria .....	each 75 cts.; 10 for 6.00
Honeysuckle, bush varieties .....	each 50 and 75 cts.
Hydrangea, hardy, Hills of Snow.....	each 50 cts.; 10 for 4.00
Hydrangea, hardy, Paniculata Gran.....	each 50 cts.; 10 for 4.00
Japanese Quince or Fire Bush .....	each 50 cts.; 10 for 4.00
Lilac, purple .....	each 50 cts.; 10 for 4.00
Pomegranate .....	each 75 cts.; 10 for 6.00
Syringa, or Mock Orange .....	each 75 cts.; 10 for 6.00
Snowball, Japanese .....	each 75c and \$1.00
Spirea, blue, splendid September bloomer .....	each 75 cts.; 10 for 6.00
Spirea, crimson, splendid dwarf bloomer.....	each 50 cts.; 10 for 4.00
Spirea, Van Houttei, Weeping Bridal Wreath .....	each 50 cts.; 10 for 4.00
Vitex or Hemp Tree, excellent large shrub .....	each 75 cts.; 10 for 6.00
Wiegela, white, red and pink .....	each 50 and 75 cts.

## Ornamental Lawn Trees

Purple Leaf Plum, 5 to 6 feet, \$1.50 each; Red Bud (small), 50c.  
Magnolia, Grandiflora, 3 to 4 feet, \$2.50 each; Dogwood, 50c.  
Mimosa Tree, \$1.00 each; Umbrella tree, \$1.00 each.

## Shade Trees

Three sizes, 4 to 6 feet, 75c each; 6 to 8 feet, \$1.00; 8 to 10 feet, \$1.50 each.

All shipped securely packed, prices of larger sizes on application. Varieties, White Elm, White Ash, Catalpa, Black Walnut, Weeping Willow, Lombardy Poplar, Hackberry, Tulip Poplar and China Berry.

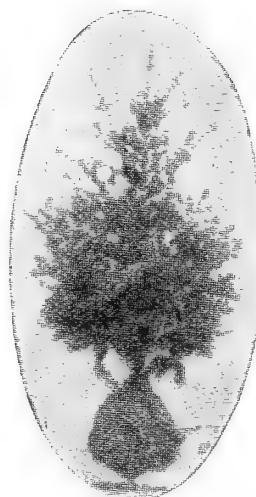
## Hedge Plants

Amoor River Privet, best of the Privets for a formal hedge. Retains its color throughout the winter and fast succeeding to the place formerly held by the California Privet. Does well under all situations, shade or sun.

12 to 15 inches .....	25 for \$2.00
100 for 7.00	
18 to 24 inches .....	25 for 2.50
100 for 9.00	
24 to 36 inches .....	25 for 3.00
100 for 10.00	

California Privet, a fine hedge plant similar to above, prices same.

Japanese Barberry, an excellent plant for an informal hedge, brilliantly colored in fall ..... 25 for \$10.00

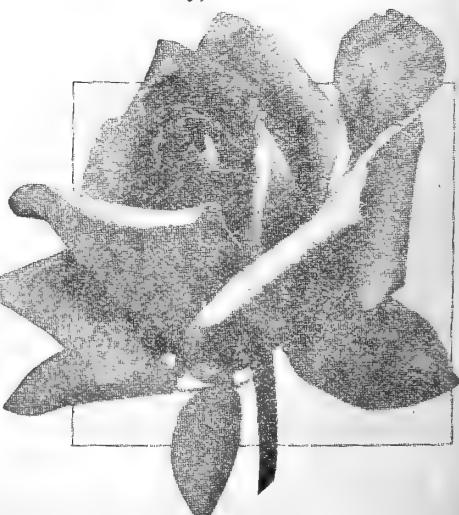


**Roses**  
Strong hardy, two years old, field grown plants, own root stock in the following varieties, all splendid bloomers, 75 cents each, \$7.50 per doz.  
White, Madam Cochet and Frau Karl Druski, or White American Beauty.  
Red, Radiance and Gruss and Teplitz.  
Pink, Radiance Pink Cochet and Caroline Testout.  
Yellow, Etoile de Lyon and Alexander Hill Gray.  
Flesh, William R. Smith.  
Polyantha or Dwarf Roses, Tiptop or Baby Doll.  
Cecile Brunner or Sweetheart, Orleans, splendid cherry red.

## Climbing Roses

All strong fieldgrown stock, 2 and 3 years old, 75 cents and \$1.00 each:  
Crimson Rambler and Excelsa, its successor, red.  
Dorothy Perkins, white, pink and red.  
Silver Moon, white, golden center, mildew proof.  
American Beauty, fine red. Gainesboro, an excellent white.  
American Pillar, a magnificent Pillar Rose. Climbing Lady Ashtown.  
Gardenia, a good yellow. Marechal Niel, the favorite yellow.  
Paul Scarlet, the best red in 25 years.

We also carry a complete stock of both Deciduous and Evergreen Vines. Ask for variety, we have it. 50 cents to \$1.00 each.



We also carry the Cherokee and Moss Roses at 75 cents each.



## A SEED AND SOIL INOCULANT

That Increases Crop Production and Greatly Improves The Soil

Soil and crop experts agree that for best growth, and to put atmospheric nitrogen in the soil, it will pay all farmers to inoculate all legumes, even where they are at present successfully grown. The cost is trivial when compared with the profit it will bring you. Legumes are clovers, peas and beans, alfalfa, soybeans, vetches, and other plants that grow their seeds in a pod. Their roots are the home of bacteria that draw fertility-building nitrogen from the air and store it in swellings on the roots, called nodules. These nodules not only feed nitrogen to the crop they are on, but rot away in the ground and supply valuable nitrogen to the soil for future bumper crops of corn, wheat, cotton, oats, fruits, etc.

### Economical—Easy to Use

The 1-A size bottle will inoculate Clovers 15 lbs., Alfalfa 20 lbs., Canada field peas 100 lbs., vetch 60 lbs., soy beans 75 lbs., other sizes in relative proportion. Place seed in a pile, fill bottle with water, add a little sugar, shake and moisten seeds; when dry, plant in usual way. This is infinitely easier, safer and better than the old laborious soil transfer method.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

We have on hand always fresh cultures for Alfalfa, Red, Alsike, Crimson, White, Bur, Sweet, Lespedeza and other clovers, Velvet, Soy, Lima, Garden and all Beans, Cowpeas, Peanuts, Spring, Winter and Hairy Vetch, etc. Prices, postpaid: 12-acre size, \$9.00; 3-acre, \$2.50; 1-acre, \$1.00. Special garden (1/4 acre) size for Peas, Beans and Sweet Peas, that will inoculate 15 lbs. of seed, 50c.

## HUMOGERM

In addition to Farmogerm, used with fine success for many years, this season we offer another culture from the same laboratories—HUMOGERM. These bacteria are on finely pulverized soil, in cans, instead of jelly in bottles. Among the brands on the market put up in this shape we recommend this as the best. We have it for all crops named above. When you order please state variety and number of bushels of seed you wish to treat. Prices, postpaid: 1/4 bu. size, 35c; 1/2 bu. 60c; 1 bu. \$1.00; 2 1/2 bu. \$2.25. Special garden size that will inoculate 15 lbs. Peas, Beans or Sweet Peas, 25c.

## HIGH GRADE FERTILIZERS

### Schwill's Special Brands

**Schwill's Truck Grower**—Made especially for vegetables and garden crop. Analysis: 9% phosphoric acid, 3% potash, 3% nitrogen. 5 lbs. 25c; 25 lbs. \$1.00; 100 lbs. \$3.00; ton \$50.00.

**Schwill's Corn Grower**—Prepared to give increase yield on corn crop. Analysis: 12% phosphoric acid, 1% potash, 1% nitrogen. Price, 100 lbs. \$2.50; ton \$38.00.

**Schwill's Cotton Grower**—Especially recommended for cotton which needs plenty of potash. Analysis: 10% phosphoric acid, 2% potash, 1% nitrogen. 100 lbs. \$2.75; ton \$40.00.

**Schwill's Acid Phosphate**—Splendid for making compost or mixture; 16 per cent analysis. 100 lbs. \$1.75; ton \$27.00.

**Japanese Palm Food**  
Manufactured expressly for Palms, Rubber Plants and Ferns. 5 oz. can 30c, postpaid.

### Walker's Excelsior Plant Food

Produces rich, green growth and profusion of flowers. Small size 25c; large size 50c, postpaid.

## STIM-U-PLANT

### PLANT STIMULANT TABLET

This highly concentrated fertilizer is clean, odorless, economical, easy to use in dry or liquid form, and it makes all plants grow vigorously and flower and fruit profusely. We know of nothing to equal it for all purposes. Very high analysis—11% nitrogen, 12% phosphoric acid, 15% potash—with no useless, wasted filler. You simply insert tablets in soil near plants or dissolve in water at rate of four tablets per gallon and apply as liquid manure.

### Makes a Wonder Garden

Stim-U-Plant greatly increases productiveness, color and flavor of fruits, berries and vegetables, and makes beautiful, richly fragrant flowers in abundance. Reports from users all over the country—both amateurs and professionals—praise it highly, and many buy five to ten thousand tablets at a time. Prices, postpaid: Small size, 25c; 100 tablets, 75c; 1,000 tablets, in bucket, \$3.50.

If Stim-U-Plant does not give perfect satisfaction when used according to directions, your money will be returned.

### Raw Chemical Material

**Pure Bone Meal**—Invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, grapevines, roses, etc. 4 lbs. 25c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

**Wizard Brand Sheep Manure**—Nature's own fertilizer, absolutely pure and best to use on lawns and flowers. 5 lbs. 35c; 50 lbs. \$1.50; 100 lbs. \$2.50.

**Land Plaster or Gypsum**—Is largely used as a fertilizer for clover, corn and other crops. Excellent to mix with paris green at the rate of 100 pounds of plaster to 1 pound of paris green to kill bugs, worms, etc. 50 lbs. \$1.00; 100 lbs. \$1.50; 200 lb. sack \$2.25; per ton \$15.00.

**Nitrate of Soda**—This is the most soluble and quickly available form of nitrogen or "ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, potatoes and similar crops, as well as for grass, grain fruit and flowers. Use 100 pounds to an acre. 4 lbs. 25c; 25 lbs. \$1.50; 100 lbs. \$4.00.

## INSECTICIDES AND FUNGICIDES



Order Early. Fruit Trees should be sprayed late in winter or very early in spring. Have the material on hand and do the work at the right time. You can raise good fruit by a systematic spraying.

Try spraying this spring. You will be well repaid for your expense and trouble. Directions for applying the different preparations are printed on the packages. Prices are f.o.b. Memphis, purchaser paying carrying charges, unless stated otherwise, and are subject to change.

Poisonous insecticides and liquids of any kind are not permitted in the mails, so all packages of poisons, no matter how small, must be sent by express or freight.

For fungus diseases, use at all times Bordeaux Mixture, or Pyrox. For lice and chewing insects and aphis, use Kerosene Emulsion. On roses, use Fir Tree Oil Soap solution for green fly. For caterpillars, use Arsenate of Lead. For mildew, use Lime Sulphur, Hammond's Grape Dust. For cut worms, Cut Worm Food. For tomato worms, apply Slug Shot; cabbage worms, Pyrox. For potato bugs, use Bug Death and Arsenate of Lead or Tuber Tonic.



### Bug Death

An effective non-poisonous powder for potato bugs and other insects in the garden. 1 lb. 20c; 3 lb. 45c; 5 lb. 65c; 12½ lb. \$1.35; 100-lb. keg \$8.00. Post paid, 1 lb. 30c; 3 lb. 60c; 5 lb. 85c; 12½ lb. \$1.90.

### Slug Shot, Hammond's

Non-poisonous; a splendid powder for general use. 1 lb. 20c; 5 lb. 65c; 10 lb. \$1.25; 25 lb. \$2.50; 100 lb. \$9.00. Post paid, 1 lb. 30c; 5 lb. 80c; 10 lb. \$1.50.

### Hammond's Grape Dust

Keep off blight and other fungus disease. 1 lb. carton 30c; 5 lb. \$1.00. Post paid, 1 lb. 35c; 5 lb. \$1.20.

### Dry Powdered Arsenate of Calcium

Contains the maximum amount of arsenic oxide which can safely be combined with calcium so as to produce a quick acting, adhesive and economical insecticide. It has relatively the quick killing action of Paris Green, but adheres to the leaf for a longer time than does Paris Green. It is white in color and therefore it is easier to insure proper and uniform distribution. Due to the thorough chemical combination of the elements entering into the manufacture of Arsenate of Calcium, we produce a powder which insures maximum results at a minimum cost. Arsenate of Calcium is lower in cost than Arsenate of Lead, and very much less expensive than Paris Green. 1 lb. 50c; 5 lb. \$2.00; 10 lb. \$3.50; 25 lb. \$7.25; 50 lb. \$13.50; 100 lb. \$25.00; cannot be mailed.

### Dry Arsenate of Lead

Does not burn the foliage, absolutely safe to use, kills every insect that eats it, superior in every way to Paris Green, as it does not burn or scald the foliage, can be used dry as a powder or as a solution in water. ½ lb. 30c; 1 lb. 50c; 5 lb. \$2.25; 10 lb. \$4.00; 25 lb. \$8.25; 50 lb. \$15.00; 100 lb. \$27.50. Cannot be mailed.

### White Helebore

Effective on all lice and other insects on vegetable plants; poisonous, but safe to use. ½ lb. 40c; 1 lb. 75c. Cannot be mailed.

### Lemon Oil Insecticide

Safe to use; leaves no odor; will destroy all lice, scale, worms, spiders, aphis, etc., on all plants. Mixes with water and easily applied. ½ pt. 35c; 1 pt. 60c. Cannot be mailed.



### Pruning Compound

For use on trees after pruning, keeps limbs from bleeding. 1 qt. 60c; not mailable.

### Tuber Tonic

A new preparation from Sherwin-Williams Co., especially made to kill potato beetle and at the same time acts as a tonic to the plant. 1 lb. 60c; 5 lb. \$2.75; 10 lb. \$5.00; 25 lb. \$11.00. Cannot be mailed.

### Powdered or Dry Bordo

The perfect dry Bordeaux mixture, all ready to be mixed, as you need it, with water; kept dry will last for years; full directions on every package how to use it. 1 lb. 45c; 5 lb. \$1.75; 10 lb. \$3.00; 25 lb. \$6.25; 50 lb. \$10.50; 100 lb. \$20.00. Cannot be mailed.

### Kerosene Emulsion

Lion Brand, full directions on can. 1 pt. 35c; 1 qt. 60c; 1 gal. \$1.75. Cannot be mailed.

### Sulpho Tobacco Soap

Will keep off and kill all insects on plants and trees. 3 oz. cake 15c; 8 oz. 35c. Post paid 10c extra.

### Hammond's Thrip Juice

For sucking insects. Non-poisonous. Dilute one to fifty. Absolutely sure shot against aphis, lice, mealy bugs, etc. ½ pt. 40c; pt. 65c. Cannot be mailed.

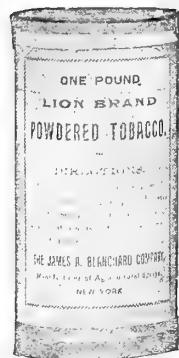
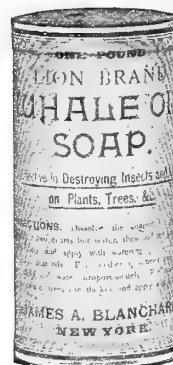
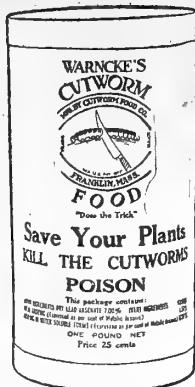
### Paris Green

¼ lb. 20c; ½ lb. 35c; 1 lb. 60c; 5 lb. \$2.50. Cannot be mailed.

### Paradichlorobenzene

Peach Tree Borer Control. Discovered at last, a sure cure for peach tree borer. Time of application, Sept. 25 to Oct. 31. Method of application, applied to the soil around the tree, making a little trench and then covering. The fumes descend downward, killing all the borers and other insects around the roots. Paradichlorobenzene must not be used on any trees under 5 years old, as it is very powerful and will harm young trees. No danger in handling this wonderful discovery as it is non-poisonous to man. Price per pound, which is enough for 16 trees, 75c; 5 lb. \$3.00; 10 lb. \$5.00. By parcel post, 1 lb. 85c; 5 lb. \$3.15; 10 lb. \$5.20.

# OTTO SCHWILL & CO. MEMPHIS·SEEDSMEN SINCE 1869



## Tree Tanglefoot

Applied to trees keeps ants and caterpillars from crawling up; a sure cure for most insect trouble on all kinds of trees. 1 lb. can 50c; 3 lb. can \$1.40; 10 lb. can \$4.50. Post paid, 1 lb. 60c; 3 lb. \$1.50; 10 lb. \$4.75.

## Cut Worm Killer

Simple, easy to use; a sure dose for eradication of all cutworms. 1 lb. 30c; 5 lb. \$1.25; not mailable.

## Pratt's Sulfocide

The very best and safest preparation to use on peach trees. A spraying with Sulfocide, one part to ten parts of water, just as the dried blossoms are coming off of the newly formed fruit, will insure fruit free from worms or brown rot. This is a very important spray for peaches and should not be omitted. A second spraying should be done when the fruit is about the size of a hickory nut. Further instructions on request. 1 qt. 75c; 1 gal. \$2.25. Not mailable.

## Pratt's Scalecide

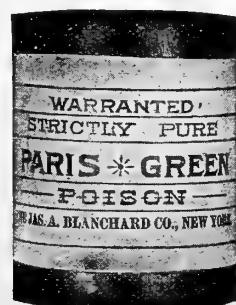
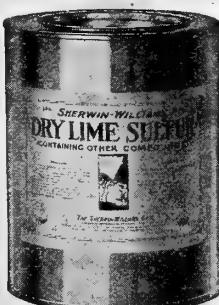
One of the very best preparations for controlling San Jose scale. Scalecide will also destroy the eggs and larvae of many insects wintering on trees, as well as fungus troubles, by a dormant spray. This cannot be said of any other spray on the market, like oil or Lime Sulphur. The manufacturer claims that it will do all Lime Sulphur can do, and some things that Lime Sulphur cannot do. The longer the trees are sprayed with Scalecide the more beautiful and healthful and fruitful they become. Scalecide is easier applied than Lime Sulphur. It is non-corrosive and non-poisonous. One gallon of Scalecide diluted for use will spray twice as many trees as two gallons of diluted Lime Sulphur. This is due to its spreading properties. Ask for Pratt's booklet on Scalecide. 1 qt. can 60c; 1-gal. can \$1.50; 5-gal. can \$6.50. Not mailable.

## Copper Sulphate Solution

For any kind cabbage worm, scale insects on apple, pear and other trees. 1 qt. \$1.00.

## Dry or Powdered Lime Sulphur

This new preparation is even better and more effective than the liquid formula. Besides, it doesn't spoil. You can use as you want same, and then you also don't have to pay freight on water. Fifteen pounds Powdered Lime Sulphur will make 50 gallons of spray material. Full directions come with every package. 1 lb. pkg. 35c; 5 lb. pkg. \$1.25; 10 lb. \$2.25; 25 lb. \$4.25; 50 lb. \$8.00. Post paid, 1 lb. 50c; 5 lb. \$1.50.



## Aphis Punk

Tobacco paper, the original and genuine nicotine fumigant. Price, can of 1 doz. sheets, 90c. Post paid, \$1.00.

## Fish or Whale Oil Soap

Effective against scale, ants, aphids, etc., on trees and plants. 1 lb. 35c. Post paid, 1 lb. 40c.

## Nicotine Liquid

A very strong solution of Nicotine, which is sure death to all insect life, does not injure the most tender foliage, if directions are followed. 1 oz. bottle 30c; 1 1/4 oz. 50c; 1/2 lb. \$1.25; 1 lb. \$2.25. Not mailable.

## Black Leaf 40

A nicotine solution for destroying aphids, lice, etc., on both garden and flowering plants. A teaspoonful makes 1 quart of solution. This is one of the most effective preparations for general sucking insects. 1 oz. bottles 30c; 1/2 lb. tin \$1.25. Not mailable.

## Sterlingworth Ar-Bo

A combined insecticide and fungicide. Kills most leaf-eating insects, also prevents certain fungus diseases. 1 lb. 40c. Cannot be mailed.

## Tobacco Dust

For lice and other insects on all vegetable and flower plants. 1 lb. 20c; 10 lb. \$1.00; 25 lb. \$2.00. Post paid, 1 lb. 30c; 10 lb. \$1.25.

## Grafting Wax

Prepared especially for all grafting on trees, etc. 1/4 lb. 20c; 1/2 lb. 30c; 1 lb. 50c. Post paid, 1/4 lb. 25c; 1/2 lb. 40c; 1 lb. 60c.

## Dusting Sulphur

For general garden and greenhouse work. 1 lb. 20c. Post paid, 30c.

## Melrosine

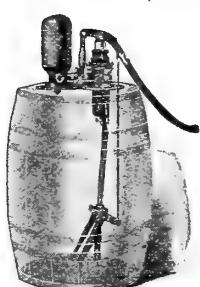
The only remedy. Endorsed by leading authorities. The general contact insecticide that kills rosebugs and other insects. Used with any good spray pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Pt. \$1.00; trial size 50c.

## Pyrox

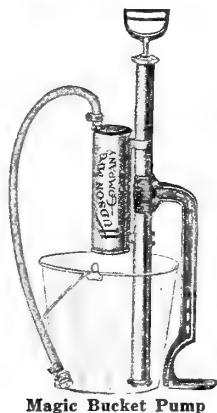
Is easy to use, simply mix with water and spray; sticks like paint to the leaves and is not washed off by even heavy rains. Saves time, labor and trouble. Pyrox is a double-header spray, it kills leaf-eating worms and bugs; prevents blight, rot, rust and fungus in one operation. It stimulates growth, increases yield and quality, keeps the tree or plant healthy and vigorous throughout the growing season. 1 lb. 50c; 5 lb. \$1.75; 10 lb. \$2.75; 25 lb. \$6.00. Not mailable.



## SPRAY PUMPS



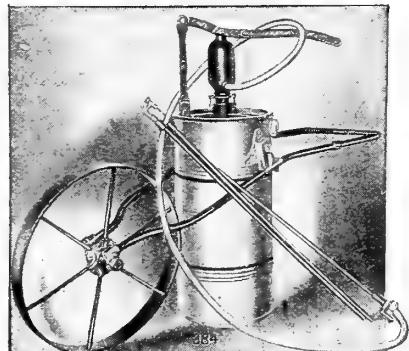
Auto No. 240



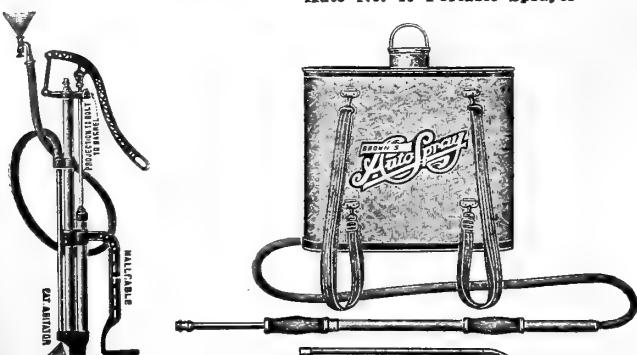
Magic Bucket Pump



Modoc Bucket Pump



Auto No. 40 Portable Sprayer



Myers No. 324  
Bucket Pump

Auto No. 5 with Knapsack

### The Auto Spray Pump

The "Auto Spray" works automatically for 6 to 15 minutes, according to the nozzle opening. Diameter, 7 inches; height, 2 feet; capacity, 4 gallons.

A—Brass Tank with stop cock.....	\$9.00
B—Brass Tank with Auto Pop No. 1.....	9.50
C—Galvanized Tank with stop cock.....	6.00
D—Galvanized Tank with Auto Pop No. 1.....	6.50
Auto Pop Attachment with Hose.....	2.00
Auto Pop Attachment without Hose.....	1.50
Brass 2-ft. Extension, per Length.....	.60
Brass Elbow Extension .....	.50

By parcel post, Auto Pumps, 50c each extra.

### Auto No. 240 Barrel Sprayer

This pump is most powerful. Develops great pressure with but little exertion. A solid piece pump cylinder, base and air chamber, giving perfect alignments. Simple in construction, yet very strong and durable. The agitation is mechanical and very effective. Price of pump, barrel, 15 feet of  $\frac{1}{2}$ -inch 5-ply hose and automatic spray nozzle, each \$40.00. Mounted on steel cart, each \$65.00. Nine-foot Bamboo Extension Rod extra, \$3.50.

### Hudson Perfection Sprayer

A light, compact compressed air sprayer. Will spray whitewash; capacity, 4 gallons. Galvanized iron, \$6.50; brass \$9.50.  $\frac{1}{2}$  ft. Extension Pipe, 50c each extra. Post paid, add 50c extra.

### Hudson Junior Sprayer

Same construction as the Perfection, only smaller, capacity of tank  $2\frac{1}{2}$  gallons. Galvanized tank \$5.00; brass tank \$7.50. Post paid, add 35c extra.

### Magic Bucket Pump

The only bucket pump in which both intake and outlet valves are mounted in one cage and easily removable. Makes a very easy operating pump. The large air chamber enables the operator to maintain a high pressure and a steady discharge. Pump can be mounted in an 8-gallon tank, making a very portable and convenient spray outfit. Price \$5.00; post paid, \$5.25.

### "Modoc Bucket Pump

This pump is used for a bucket spray and force pump, as well as for whitewashing. It will throw a stream 35 feet high. All solid brass, double action, bronze ball valve. Will whitewash and spray with same nozzle by simply turning the disc. Equipped with 5-ply pressure hose. Price \$5.00; post paid, \$5.25.

### Myers' No. 324 Bucket Pump

Furnished with lever handle, which gives additional force to the stream. This is a perfect double-acting pump, easy to operate. Complete with hose and graduating vermorel nozzle. Price \$6.50. Post paid \$7.00. Eight-foot extension pipe, \$1.00 extra, f.o.b. Memphis.

### Baby Lowell Compressed Air Sprayer

The air enters the sprayer through the valve at bottom of pump, thoroughly agitating and mixing the contents of sprayer. Holds one gallon. Price, galvanized iron \$4.50. Post paid, \$4.75.

### Auto Spray No. 40

A complete 12-gallon galvanized tank sprayer on truck for whitewash, or insecticide, one 8-ft. iron extension pipe, 8 ft. of  $\frac{1}{2}$ -in. hose, shut-off and latest vermorel nozzle. Price \$30.00. F. O. B. Memphis.

### Auto Spray No. 5

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited as it may be used for spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants. It is made entirely of brass, doing away with all danger of corrosion. Price \$5.00; post paid, \$5.25. Price pump with knapsack \$8.00; post paid \$8.50. Extension 60c; post paid 70c.



## MISCELLANEOUS GARDEN TOOLS



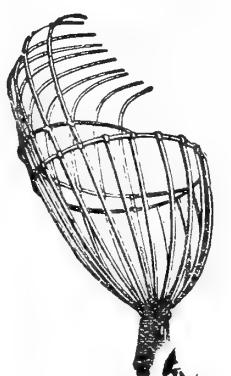
Long Handle Trowel



5-Prong Garden Cultivator



Shaw's Calf Weaner



Wire Fruit Picker



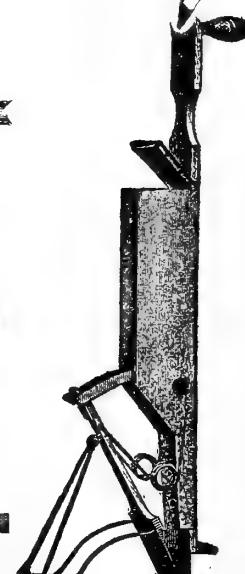
Planter's Hoe



No. F-40 Trans. Fork



Spading Fork



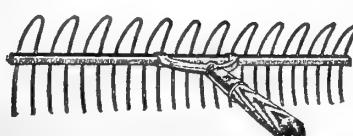
1-Hand Seg. Corn Planter



Transplanting Fork



Steel Rake



Wire Lawn Rake

2-Hand Corn Planter

Asparagus Knife, Goodell, each .....	\$ .75
Baskets, 1 bushel, round, stave, wire handle, doz.....	2.00
Baskets, 1 bushel, round, stave, wood handle, doz.....	2.50
Baskets, $\frac{1}{2}$ bushel, round, stave, wood handle, doz.....	2.50
Corn Planters, 2-hand, No. 306 .....	1.25
Corn Planters, 1-hand, rotary, No. 309 .....	2.50
Corn Planters, 1-hand, Segment, No. 311 .....	2.00
Corn Huskers, hand, each, 25c and .....	.35
Calf Weaners, Shaw's Basket, small, each .....	.60
Calf Weaners, Shaw's Basket, medium, each .....	.70
Calf Weaners, Shaw's Basket, large, each .....	.80
Dibbers, Iron, for transplanting, each.....	.75
Cultivator, Norcross, Midget, each .....	.50
Cultivator, Norcross, 3-prong, each .....	.85
Cultivator, Norcross, 5-prong, each .....	1.25
Garden Drill, Eureka, each .....	.75
Forks, Transplanting, forged, 3-tine, No. F30, each.....	.50
Forks, Transplanting, 4-tine, No. F40, each.....	.40
Forks, Spading, 4-prong, each .....	1.75
Forks, Spading, 5-prong, each .....	2.25
Forks, Hay, 3-prong, each .....	1.00
Forks, Manure, each .....	1.00
Fruit Picker, galvanized wire, each .....	.75
Fruit Picker, with 10-foot pole, each .....	1.10
Grass Hooks, Best Steel, each .....	.75

### Hoes, Garden

Hoe, Cast Steel, 6-inch, each .....	\$ .80
Hoe, Cast Steel, 7-inch, each .....	.90
Hoe, Planters, 6-inch, each .....	1.00
Hoe, Planters, 7-inch, each .....	1.10
Hoe, Planters, 8-inch, each .....	1.20
Hoe, Onion, 1-prong, each .....	.50
Hoe, Onion, 2-prong, each .....	.60
Hoe, Onion, Southern Queen, each .....	1.10
Hoe, Ladies' Steel, 5-inch, each .....	.60

### Mole Traps

Mole Trap, Riddick, each .....	\$ 1.25
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### Rakes, Garden

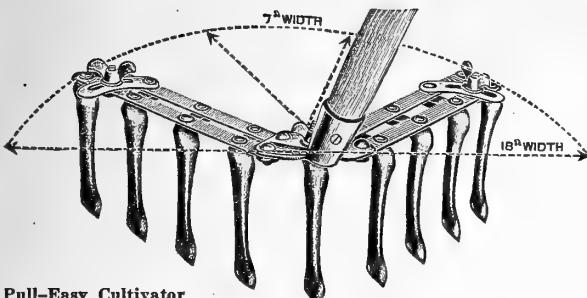
Rake, 10 teeth, each .....	.50
Rake, 12 teeth, each .....	.60
Rake, 14 teeth, each .....	.70
Rake, Lawn Wire, double edge, each .....	.75
Rake, Lawn Wood, Ole Olson, each .....	1.00

### Shears

Hedge Shears, 8-inch, each .....	\$2.25
Hedge Shears, 9-inch, each .....	2.50
Hedge Shears, 10-inch, each .....	2.75
Loping Shears, each .....	2.25
Grass or Sheep Shears, each .....	1.00
Garden Reel, galvanized, each .....	1.50

ALL ABOVE PRICES ARE F. O. B. MEMPHIS

## MISCELLANEOUS GARDEN TOOLS—Continued



Pull-Easy Cultivator

### The Pull-Easy Adjustable Cultivator

When the arms are spread out to full width of 18 inches this cultivator is like a rake.

For narrower rows the outer ends of the arms can be closed to any width down to 7 inches.

The shape of the teeth and the way in which they are attached to the steel side bars makes the cultivator entirely different from any ordinary rake because the teeth penetrate the ground, stir it up and pulverize it thoroughly without the operator being obliged to exert any downward pressure on the handle.

The middle tooth can be instantly removed permitting narrow rows of small plants to be cultivated two at a time. Price, each \$1.50.

Potato Planter, Acme, hand, each.....	\$1.00
Potato Hook, 4-prong, each .....	1.25
Potato Picking Bags, each .....	.60
Plant Setter, Masters, each .....	6.00

### Pruning Shears

Pruning Shears, Ladies', nickeled, each.....	1.75
Pruning Shears, R 50, each .....	1.75
Pruning Shears, R 65, each .....	2.25
Pruning Shears, R 165, each .....	2.50
Pruning Shears, R 170, each .....	2.75
Pruners, Waters Tree, 8-foot, each.....	3.50
Pruners, Waters Tree, 10-foot, each.....	3.75

### Pruning Saws

Pruning Saw, 16-inch, each .....	1.50
Pruning Saw, 18-inch, each .....	1.75
Pruning Saw, 20-inch, each .....	2.00
Putty, English Glazing, 10-lb. can, each .....	2.00
Spades, Ames Best, each .....	2.25
Spades, Pony, Nos. 7 and 8, for ladies, each.....	.60
Twine, 2-ply jute, per lb. ....	.30
Thermometers, Standard Weather, each.....	50, 75 & 1.00

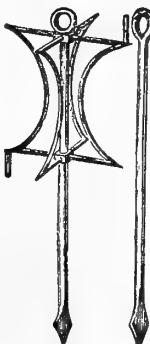
### Trowels, Garden

Trowel, No. T15—6-inch, steel, long handle, each.....	.50
Trowel, No. T10—6-inch, one-piece, steel, each....	.60
Trowel, No. T20—6-inch, rolled steel, riveted blade, each .....	.40
Trowel, No. T22—6-inch, cold rolled steel, each....	.35
Trowel, No. T25—6-inch, Transplanting, one-piece, each .....	.25
Trowel, No. T17—Special heavy, each .....	.25
Trowel, No. T16—Pressed steel, each .....	.20

### Weeders

Magic Hand Weeder, each .....	.25
Hall No. 1 Hand Beet Weeder, each .....	.15
Finch's Lawn Edger, each .....	.75
Dandelion Killer, each .....	1.00
Dandelion Puller, each .....	.75
Plant Stakes, 4-foot, each .....	.10
Plant Stakes, 5-foot, each .....	.10

Pruning Saw



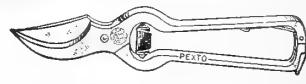
Garden Reel



Weather Thermometer



Magic Hand Weeder



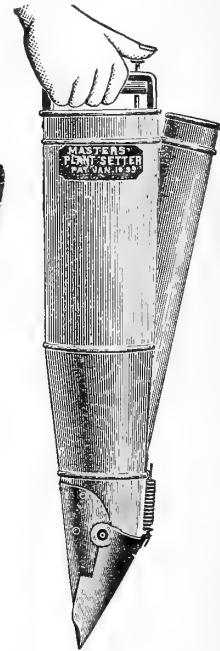
Pruning Shears



Iron Dibber



WATERS  
IMPROVED  
TREE PRUNER.



Masters Plant Setters



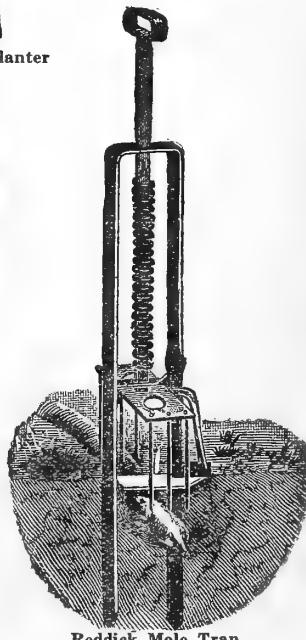
Acme Potato Planter



Hedge Shears



Steel Garden Trowel



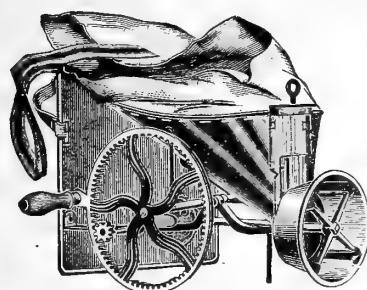
Reddick Mole Trap



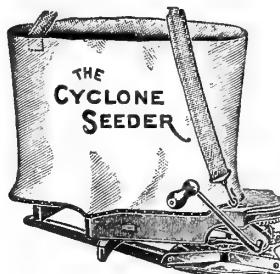
## SEED SOWERS, HOTBED SASH, RAT POISONS



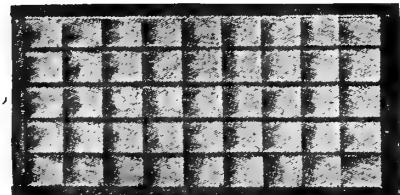
Horn Seeder



Cahoon Broadcast Seeder



Cyclone Seeder



Hotbed Sash

**Cahoon Broadcast Seeder**

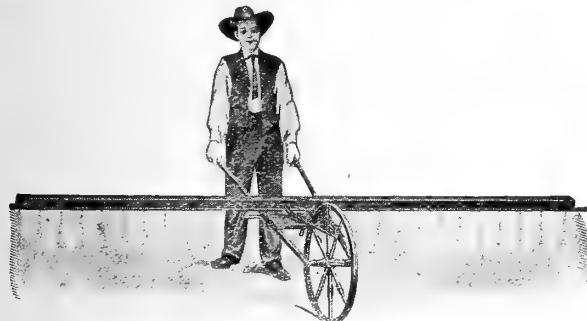
One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc., rapidly and evenly. Price, each \$4.50; post paid, \$4.75.

**The Lightning Horn Seeder**

A splendid little tool, simple and easy to operate. Will sow any fine seed like clover, lespedeza, timothy, alfalfa and grasses. Holding the tube downward wind won't blow seed away. We know this seeder to be good. Price, \$1.00; post paid \$1.10.

**Cyclone Seed Sower**

Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorghum, etc. Distributes evenly, works perfectly; has an agitator feed plate, which insures a uniform flow of seed. Price, each \$2.00; post paid \$2.15.



Thompson's Wheelbarrow Seeder

**Thompson's Wheelbarrow Seeders**

These are the most valuable implements for sowing all grass seeds broadcast. The quantity of seed sown per acre is accurately governed by the wheel, which moves correspondingly slow or fast as the machine is run over the ground. For all sections where winds prevail, there is no machine made that will equal this implement for an even, accurate job of seeding. The quantity required per acre can be instantly changed by slipping a pin from one hole to another. The seeders run light, are not complicated, and complete, ready for work, weigh from 40 to 50 pounds. Seeds can be sown mixed or separate, any quantity desired, 30 to 50 acres per day, and give an absolute evenness of seeding.

**Seeder No. 1**—Sows Clover, Timothy, Alfalfa and other seeds of same nature, any quantity from 2 to 12 quarts per acre. Hopper 14 feet. Price \$11.00. Hopper 16 feet, \$12.00, f.o.b. Memphis.

**Seeder No. 2**—Sows same as No. 1, and in addition, any quantity required per acre, Red Top, Orchard Grass, Clean Blue Grass. Hopper 14 feet. Price \$12.50, f.o.b. Memphis.

**Thompson's Grain Hopper**

**Thompson's No. 4 Hopper**—This is a hopper about 6 inches square and 10 feet long that fits on the wheelbarrow or gearing, and sows Wheat, Rye, Oats, Barley, Buckwheat and Field Peas broadcast. Price \$7.00, f.o.b. Memphis.

Genuine Cypress, size 3x6 feet, 1 $\frac{1}{2}$  inches thick, bars firmly fastened on bottom rail ready for immediate use.

Our Hotbed Sash are the best made. Material and workmanship guaranteed. Glass laps over to prevent leaks. Higher grade in every way than dealers sell for double our price. Truck farmers, market gardeners and everybody who has a garden, large or small, should Buy a Hotbed Sash Now.

**No. E440, Hotbed Sash**—Glazed 5 rows, 6-inch glass, clear cypress frames 3x6 feet, 1 $\frac{1}{2}$  inches thick. Price, each \$5.00; in lots of 5 at \$4.75 each, f.o.b. Memphis.

**Rax Rat Destroyer  
IT CAN BE MAILED**

Scientific destroyer of rats, mice and all rodents. Not a poison; harmless to human beings and all animals, not rodents. Without an equal as a wholesale destroyer. They lie outside within a few days when you use Rax. Price 75c a pkg., post paid.

**Rat Corn**

Kills Rats and Mice. No odor or smell. It mummifies them. No matter where they die, they simply dry up; positively do not smell. Rat Corn is a new and scientific discovery and without a doubt the greatest rat destroyer in the world. The only one that kills rats without any dangerous or disagreeable effects. A trial will convince you. Small can 25c; medium can 50c; large can \$1.00. By parcel post, small 30c; medium 55c; large \$1.10.

**Red Cross Rat and Mouse Embalmer**

A sure rat and mouse destroyer that does the work thoroughly and without any odor. It is absolutely one of the best preparations of its kind on the market and having tried it ourselves, we can recommend it to our customers, knowing that it will give satisfaction. Price, 25c and 50c per pkg., by express only, it being a poison and can not be mailed.

**Bed-Bug Killer**

Considered the nearest thing to certain death science has yet devised. Kills the bug and the egg; insures peaceful sleep. Positively will destroy bedbugs, mites, ticks and lice in the poultry house; all fleas, ants, weevils, beetles, skipper, meal worms, silver fish and all the ordinary household insects, when used as directed. 1 pt. pkg. 35c. Cannot be mailed.

**Roach Killer**

This preparation is not poisonous to pet animals or human beings. It affects only such insects as Roaches, Water Bugs, etc., and can be used in the home and pantry with freedom. It is made of perfectly clean materials and has no odor, but it will surely rid any building of Roaches and Water Bugs when properly used. Small size 40c; large size 75c; post paid.

**Ant Bane**

Will rid any building of House Ants; also effective against outdoor Ants, House Centipedes, Blood-sucking Cone-nose, Book Lice, White Ants and similar troublesome insects that resist other means of riddance when properly applied. Small size 40c; large size 75c, post paid.

# CANARY BIRDS, CAGES AND BIRD SUPPLIES



**\$9.50  
SPECIAL**

A beautiful singing Canary and a nice cage.

Delivered to you prepaid.



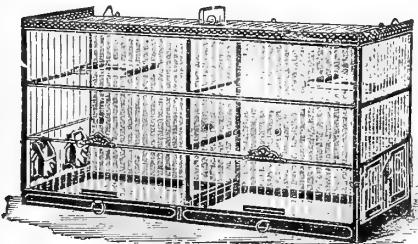
No. 8020 Brass Bungalow Cage



No. 275 Round Brass Cage

## Hartz Mountain Canary Birds

This is the most popular of all birds, as well as the most satisfactory songster. Each bird is tested and known to be in full song before leaving the store. Price, each \$7.50 to \$10.00. Females, each \$2.00 to \$4.00, f.o.b. Memphis, at owner's risk. Canaries cannot be shipped in cold weather.



Breeding Cage



No. 5004 Brass Cage

## Brass Canary Bird Cages

No. 5004	Brass Cage, 9 1/2 x 6 1/2-in., each.....	3.70
No. 5006	Brass Cage, 10 3/4 x 7 1/2-in., each.....	4.45
No. 5008	Brass Cage, 10 3/4 x 7 3/4-in., each.....	5.30
No. 5010	Brass Cage, 13 x 8 1/2-in., each.....	6.65

## Breeding Cages

No. 86S—Metal Breeding Cage, 17x 8x13 ins.....	\$5.80
No. 86 —Metal Breeding Cage, 20x10x14 ins.....	7.40
No. 87 —Metal Breeding Cage, 22x11x15 ins.....	8.10
No. 88 —Metal Breeding Cage, 24x12x16 ins.....	10.00

If wanted by parcel post, add 35c for packing and postage.

## Japanned Canary Bird Cages

No. 165	New Style Japanned Cage, 9 1/2 x 6 1/2-in., each...	2.25
No. 165 DB	New Style Japanned Cage, 9 1/2 x 6 1/2-in., each...	3.00
No. 166	New Style Japanned Cage, 10 x 7 -in., each...	3.00
No. 166 DB	New Style Japanned Cage, 10 x 7 -in., each...	3.85
No. 167	New Style Japanned Cage, 11 x 7 1/2-in., each...	3.30
No. 167 DB	New Style Japanned Cage, 11 x 7 1/2-in., each...	4.00
No. 168	New Style Japanned Cage, 12 x 8 -in., each...	3.60
No. 168 DB	New Style Japanned Cage, 12 x 8 -in., each...	4.30
No. 6	Fancy Round Cage, with seed guard.....	5.00
No. 6 1/2	Fancy Round Cage, with seed guard.....	5.50
No. 7	Fancy Round Cage, with seed guard.....	6.00

If wanted by parcel post, add 35c for packing and postage.

## Miscellaneous Bird Supplies

Bird Cage Seed Cups, Opal or Glass...each	20c	post paid	.25
Bird Cage Bath Cups .....	each	20c	post paid
Bird Cage Brackets, 12-in. ....	each	35c	post paid
Bird Cage Brass Springs .....	each	20c	post paid
Bird Cage Brass Chain with springs .....	each	30c	post paid
Bird Cage Nests, Wire .....	each	10c	post paid

**\$9.50  
SPECIAL**

A beautiful singing Canary and a nice cage.  
Delivered to you prepaid.

No. 8020 Brass Bungalow Cage

No. 275 Round Brass Cage

## Fancy Brass Cages

These are all handsome fancy styles, every one an ornament.

No. 8000	Brass Bungalow Square Cage, each .....	\$14.00
No. 8020	Brass Bungalow Square Cage, each .....	14.00
No. 8020G	Brass Round or Globe Cage, each .....	15.00
No. 274	Brass Round Cage, each .....	5.50
No. 275	Brass Round Cage, each .....	6.50
No. 276	Brass Round Cage, each .....	7.50

If wanted by parcel post, add 35c each for packing and postage.

## Metal Parrot Cages

Round, Metal Cages, each .....	\$7.50
Square, Metal Cages, each .....	10.00
Cups, Metal, for Parrot Cages, each .....	.60

## Bird Cage Stands

A beautiful assortment, priced from \$6.00 to \$15.00 each.

## White Enamelled Gold-Trimmed Cages

No. 231—9 3/4 x 6 3/4 x 15 1/4 ins., each .....	\$3.00
No. 232—10 1/2 x 7 x 16 ins., each .....	3.90
No. 233—11 x 7 1/2 x 16 3/4 ins., each .....	4.25
No. 234—12 x 8 x 17 1/2 ins., each .....	4.80
No. 235—13 x 9 x 18 ins., each .....	5.20



## Philadelphia Bird Food

These are all especially prepared for birds, and are of the very best quality. Our stocks are complete at all times, so your order can be filled promptly.

Phil. Bird Manna .....	Each 15c; post paid, \$ .20
Phil. Mixed Canary Seed .....	pt. box 20c; post paid \$ .30
Phil. Silver Gravel .....	pt. box 15c; post paid .25
Phil. Red Gravel .....	pt. box 15c; post paid .25
Phil. Bird Bitters .....	bottle 25c; post paid .30
Phil. Bird Mite Exterminator .....	box 25c; post paid .30
Phil. Bird Moultng Pepper .....	box 25c; post paid .30
Phil. Bird Nestling Food .....	box 25c; post paid .30
Phil. Bird Nestling Hair .....	box 10c; post paid .15
Canary Seed, plain .....	.1 lb. 15c; post paid .25
Canary Seed, mixed .....	.1 lb. 15c; post paid .25
Hemp Seed .....	.1 lb. 15c; post paid .25
Millet Seed .....	.1 lb. 10c; post paid .20
Rape Seed .....	.1 lb. 20c; post paid .30
Sunflower Seed .....	.1 lb. 15c; post paid .25
Cuttle Fish Bone .....	each 10c; post paid .15
Cuttle Fish Bone, with holder .....	each 15c; post paid .20
Spratt's Parrot Food .....	box 25c; post paid .30
Spratt's Song Restorer .....	box 25c; post paid .30
Spratt's Red Mite Liquid .....	bottle 25c; post paid .30
Mocking Bird Food .....	Pkg. 30c; post paid .35

## GOLD FISH SUPPLIES, DOG CAKES, ETC.

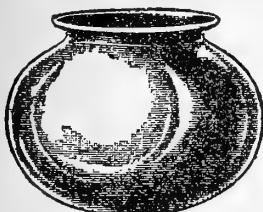
## American and Japanese Gold Fish

American Gold Fish—The well known bright scarlet and gold color.

Small, each 15c; medium, each 25c; large, each 50c.

Japanese Fantail, also Comet Tail Gold Fish. Price, 75c, \$1.00 and \$1.50 each.

Tin bucket for shipping, extra, 35c each.



Round Gold Fish Bowl

### Gold Fish Bowls

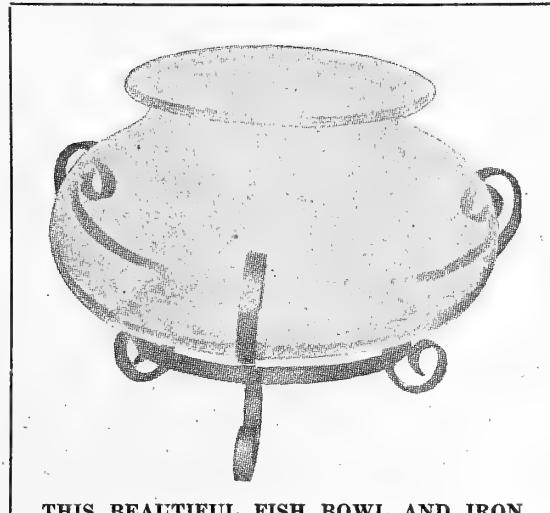
Glass Bowls—Made of clear glass, in following sizes:

2-Quart .....	.40
4-Quart .....	.75
2-Gallon .....	1.25
3-Gallon .....	2.25

These cannot be sent by parcel post, they must go by freight or express, at buyer's expense.

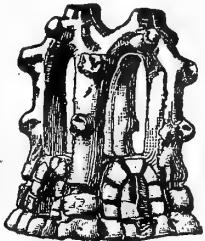
### Fish Food, Etc

Natural Fish Food, pkg.....	\$ .15
Wafer Fish Food, pkg.....	.15



THIS BEAUTIFUL FISH BOWL AND IRON STAND (As Pictured)

Complete, about two-gallon size.....\$2.50  
f.o.b. Memphis.



### Aquarium Castles

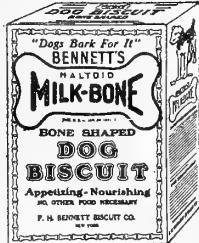
No. 612—Square Castle .....	.50
No. 631—Round Grotto .....	.50
No. 571—Castle .....	.35
No. 467—Plain Grotto .....	.35
No. 618—Arch Castle .....	.30
Other small Ornaments at	25c
and 35c each.	

### Aquariums

Neat and well made, with steel frame.	
Slate Bottom Aquariums, 3-gallon .....	\$6.50
Slate Bottom Aquariums, 9-gallon .....	8.50
Slate Bottom Aquariums, 12-gallon .....	11.00
f.o.b. Memphis.	

### Bennett's Milk Bone Dog Biscuit

A superior preparation. Keeps dogs in good condition. Ask for circulars.  
Per box, 40c; post paid 50c.



### Spratt's Dog Cakes

Spratt's Dog Cakes .....	2 1/4-lb. box	\$.40; post paid	.50
Spratt's Dog Cakes .....	5 -lb. box	.80; post paid	.90
Spratt's Dog Cakes .....	10 -lb. bag	1.50; post paid	1.75
Spratt's Dog Cakes .....	50 -lb. bag	7.00; cannot mail	
Spratt's Dog Cakes .....	100 -lb. bag	13.00; cannot mail	

Spratt's Puppy Cakes .....	box	.45; post paid	.55
Spratt's Fibo .....	box	.40; post paid	.50
Spratt's Ovals .....	box	.40; post paid	.50
Spratt's Cod Liver Oil Cakes .....	box	.45; post paid	.55
Spratt's Puppy Meal .....	box	.45; post paid	.55

### Clayton's Dog Remedies

Mange Remedy .....	\$ .50
Skin Lotion .....	.50
Hair Tonic .....	.50
Distemperine Liquid or Tablets .....	.50
Condition Pills with Pepsin .....	.50
Blood Purifying and Cooling Pills .....	.50
Digestive Tablets .....	.50
Laxative Pills .....	.50
Worm Pills .....	.50
Tape Worm Expeller .....	.50
Vermifuge (Liquid) (soft capsules) .....	.50
Canker Lotion Liquid (tablets) .....	.50

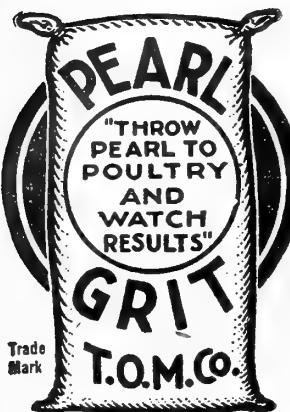
Eye Lotion Liquid (tablets) .....	.50
Fit Remedy Liquid (tablets) .....	.50
Cough Remedy .....	.50
Puppy Tonic .....	.50
Sulphur Tablets .....	.50
Rheumatic Tablets .....	.50
Diarrhoea Remedy Liquid (tablets) .....	.50
Chorea Tablets .....	.50
Shampoo .....	.25
Kilflea Soap .....	.25
Kilflea Powder .....	.35
Postage on all above 10c extra.	

### Sergeant's Dog Medicines

DISTEMPER MEDICINE .....	\$1.20
MANGE MEDICINE .....	.65
CONDITION PILLS .....	.60
SURE SHOT CAPSULES .....	.60
SURE SHOT LIQUID .....	.60
TAPE WORM MEDICINE .....	.60
ARSENIC AND IRON PILLS .....	.60
CANKER WASH .....	.60
WELL MOUTH .....	.60

PEPSIN TABLETS .....	.60
COUGH MEDICINE .....	.60
RHEUMATIC PILLS .....	.60
DOG RUB .....	.60
EYE WASH .....	.60
CONSTIPATION CAPSULES .....	.30
CARBOLIC TAR SOAP .....	.25
SKIP-FLEA SOAP .....	.25
SKIP-FLEA POWDER .....	.25

# BEEF SCRAP, BONE, OYSTER SHELL, GRIT,



## POULTRY FEED



### Red Comb Poultry Feed

The extra quality feed contains no shell or grit to make weight; try it, and you will use no other. Composed of choice grains, seeds and charcoal. A clean, bright, balanced ration for general use. As a scratch feed it is unequalled. Made without grit or shells. 7 lb. 25c. Post paid, 7 lb. 40c.

### Red Comb Coarse Chick Feed

A developing food, composed of cracked grains and seed of the highest quality and especially adapted to the growing period, and when used insures a strong and rapid growth. This feed also contains charcoal. 6 lb. 25c. Post paid, 6 lb. 40c.

### Red Comb Fine Chick Feed

Composed of cracked grains, seeds and charcoal. Highly nutritious, easily digested and especially suited to the tender digestive organs of the little chicks. Made without grit. 6 lb. 25c. Post paid, 6 lb. 40c.

### Red Comb Baby Chick Milk Mash

A milk substitute. Made with the utmost care from dried milk, barley meal, locust bean meal, bone meal, rice polish, flax seed meal, and a dozen other needful grains and herbs ground to the proper consistency. Red Comb brand Poultry and Chick Feeds are always dependable. Don't fail to use the new Milk Mash on your chicks this spring. 1 lb. 10c; 4 lb. 25c. Post paid, 1 lb. 20c; 4 lb. 40c.

### Red Comb Growing Mash

The best balanced feed for feeding growing chicks to produce rapid growth. This is a new Red Comb product and is well worth a trial. 5 lb. 25c. Post paid, 5 lb. 40c.

### Red Comb Mash, with Dried Buttermilk

This is the great egg producer. A mash feed prepared expressly for egg production, being very rich in egg-making elements. This mash is unsurpassed as a winter egg maker. It is the most wonderful feed in the world for making hens lay in cold weather. 5 lb. 25c. Post paid, 5 lb. 40c.

### Chamberlain's Perfect Chick Feed

The original dry feed for baby chicks, made without any corn, avoids bowel trouble and many other diseases caused by improper feed. Contains all the meat, bone, charcoal, grit, oat meal, etc., necessary for the successful raising of baby chicks, thus making it unnecessary to feed them anything else. 5 lb. 25c. Post paid, 5 lb. 40c.

### Pound Squab Pigeon Feed

Composed of the very best hard, red winter wheat, hemp, Canadian peas and other grains and seeds of equal quality. It is very strong in muscle and bone-making elements and is so perfectly balanced that no organism is neglected. Contains no corn whatever. 5 lb. 25c. Post paid, 5 lb. 40c.

### Pigeon Grit

Especially for pigeons. A tonic and grit combined. Pigeon fanciers say it's the best preparation of its kind. 6 lb. 25c; 50 lb. \$1.50; 100 lb. \$2.50. Post paid, 6 lb. 40c, not past 3rd zone.

### Granulated Poultry Bone

This is especially valuable for poultry as an egg maker and prevents leg weakness in young chicks. Mix it in their feed. We can furnish the coarse for hens and the fine grade for chicks. Coarse, for hens, 3 lb. 25c; 25 lb. \$1.50; 100 lb. \$5.00. Fine, for chicks, 3 lb. 25c; 25 lb. \$1.50; 100 lb. \$5.00. Post paid, 3 lb. 35c.

### Darling's Meat Scraps

**Darling's Meat Scraps**—For success with poultry it is absolutely necessary to give them plenty of animal food in the winter, to take the place of insects, etc., which they get during the summer. Feed mixed with meal or bran, at the rate of  $\frac{1}{4}$  lb. beef scraps per day to a dozen hens. 3 lb. 25c; 25 lb. \$1.50; 50 lb. \$2.85; 100 lb. \$5.50. Post paid, 3 lb. 35c.

### Meat Meal or Tankage

**Meat Meal** (known also as **Digested Tankage**)—Especially prepared for feeding hogs and animals. High in protein, producing muscle and sturdy growth. 100 lb. \$4.50, f.o.b. Memphis

### Ground Oyster Shells

Every poultryman realizes the importance of crushed oyster shells as an egg-shell maker and promoter of good health. Every pound of oyster shells offered by us is especially prepared for feeding poultry. They are crushed and ground to the size which expert poultrymen agree to be the best. Use oyster shell freely. It is good for chickens, old or young. Coarse, for hens, 10 lb. 25c; 50 lb. 75c; 100 lb. \$1.25. Fine, for chicks, 10 lb. 25c; 50 lb. 75c; 100 lb. \$1.25. Post paid, 10 lb. carton 50c, not past 3rd zone.

### Charcoal

If you want healthy chickens, rugged-growing stock with bright healthy plumage, birds that will fatten easily and well, and entire freedom from sour crops and indigestion with laying stock, feed Charcoal. Keep it before them all the time, and also feed in the mixed grain. Nothing equals it as a disease preventative. Made in 3 sizes—coarse for hens; medium for pigeons; fine for baby chicks. Price, 2 lb. carton 15c; 25 lb. \$1.50; 50 lb. \$2.50; 100 lb. \$4.50. Post paid, 2 lb. carton 25c.

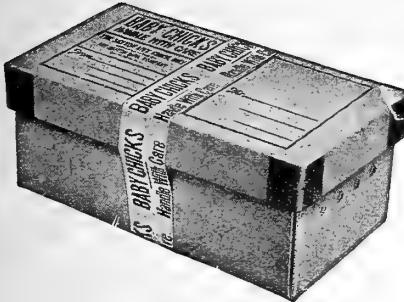
### Pearl Grit for Poultry

**Poultry Grit**—Grit is as essential for poultry as food, as without it they cannot digest the food. Poultry will starve to death with full crop for no other reason than they have no teeth with which to grind the food into proper consistency. Grit should be fed in hoppers or boxes. Hen size, 10 lb. 25c; 50 lb. 75c; 100 lb. \$1.25. Chick size, 10 lb. 25c; 50 lb. 75c; 100 lb. \$1.25. Post paid, 10 lb. carton 50c, not past 3rd zone.

### Alfalfa Clover Meal

It is an acknowledged fact that green food is one of the most important foods necessary to heavy egg production. Among those who are unable to obtain a plentiful supply of green stuff, Alfalfa Meal should fill a long-felt want, it being an excellent substitution and a very nutritious food. Price, 7 lb. 25c; 50 lb. \$1.50; 100 lb. \$2.50, f.o.b. Memphis.

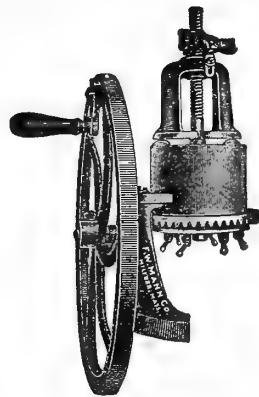
## EGG AND CHICK SHIPPING BOXES



Chick Shipping Box



Anderson Hatchanegg Box



Mann's No. 5 Green Bone Cutter

### Anderson Hatchanegg Box

This package may be sealed with Anderson gummed tape. Bear in mind that the "Hatchanegg" box is designed particularly for transportation of valuable eggs for hatching. The maximum of safety is assured. "Hatchanegg" boxes are printed in two colors with forwarding and shipper's address lines.

"Hatchanegg" boxes are made in the following sizes:

15-egg size	\$ .25;	12 for	\$ 2.70
By par. post	.30;	12 for	2.95
30-egg size	.40;	12 for	4.30
By par. post	.50;	12 for	4.65
50-egg size	.50;	6 for	2.75
By par. post	.60;	6 for	3.00

### Anderson Box for Commercial Eggs

Anderson Boxes for shipping commercial eggs by parcel post or express:

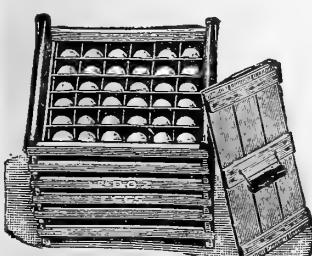
12-egg size	\$ .20;	12 for	\$ 2.00
By par. post	.25;	12 for	2.25
24-egg size	.25;	12 for	2.50
By par. post	.30;	12 for	2.75
36-egg size	.35;	12 for	3.50
By par. post	.45;	12 for	3.75
48-egg size	.40;	12 for	4.25
By par. post	.50;	12 for	4.50
60-egg size	.45;	12 for	5.25
By par. post	.55;	12 for	5.75
72-egg size	.50;	12 for	6.00
By par. post	.60;	12 for	6.50

### Live Chick Shipping Box

Made especially for shipping day-old chicks. Folded flat for shipping, but easily set up and made ready for use.

Not past 3rd zone

25-chick size	\$ .20;	12 for	\$ 2.00;	post paid	\$ .30;	12 for	\$ 2.25
50-chick size	.25;	12 for	2.75;	post paid	.35;	12 for	3.25
100-chick size	.40;	12 for	3.50;	post paid	.50;	12 for	4.00



Humpty Dumpty Egg Carrier

No. 7½, Semi-Power—A combination hand or power Bone Cutter. Adapted to run either way without changing any part. It is always ready for use. Intended to meet the demand for a small power cutter. Cylinder the same size as No. 7. Capacity, 50 to 100 pounds per hour. The No. 7½ has all the latest improvements, special feed, anti-clog, open cylinder, tight and loose pulley, etc. Horsepower required,  $\frac{1}{2}$  to 1. Price, \$29.50, f.o.b. Memphis.

### Humpty Dumpty Egg Carrier

Ship eggs easily without breaking. Farmers and poultrymen make big profits shipping eggs the Cummer way. Customer returns the case by mail knocked down, for it's a Humpty Dumpty folding crate. Distinguished by the red top rails. An exceptional carrier for Parcel Post and Express shipments, 3, 6, 9, 12, and dozen sizes. Strong and durable. No tools required to set them up. Can be used over and over.

3-dozen size	.....	60c, postpaid	75c	6-dozen size	.....	70c, postpaid	85c
9-dozen size	.....	80c, postpaid	\$1.00	12-dozen size	.....	90c, postpaid	\$1.10

## POULTRY AND STOCK REMEDIES



### Zenoleum Preparations

Zenoleum Lice Liquid, 1-qt.	50;	cannot be mailed
Zenoleum Lice Liquid, 2-qt.	.90;	cannot be mailed
Zenoleum Lice Liquid, 1-gal.	1.25;	cannot be mailed
Zenoleum Dip, 8-oz. can	.35;	cannot be mailed
Zenoleum, Dip, 1-qt. can	.75;	cannot be mailed
Zenoleum Dip, 2-qt. can	1.25;	cannot be mailed
Zenoleum Dip, 1-gal. can	2.00;	cannot be mailed
Zenoleum Dip, 5-gal. can	8.00;	cannot be mailed

### Lee's Poultry and Stock Remedies

	Not Past 3rd Zone
Lee's Egg Maker, 2-lb. box	\$.40; post paid... \$.50
Lee's Egg Maker, 5-lb. box	.90; post paid... 1.00
Lee's Lice Powder, small size	.25; post paid... .35
Lee's Lice Powder, large size	.50; post paid... .60
Lee's Hog Remedy, 7-lb. box	1.25; post paid... 1.50
Lee's Hog Remedy, 25-lb. pail	3.00; cannot be mailed
Lee's Liquid Lice Killer, 1-qt.	.60; cannot be mailed
Lee's Liquid Lice Killer, 2-qt.	.90; cannot be mailed
Lee's Liquid Lice Killer, 1-gal.	1.50; cannot be mailed
Lee's White Diar. Rem., bottle, large	.50; cannot be mailed
Lee's Egg-O-Hatch	.50; post paid... .55
Lee's Egg-O-Latum	.50; post paid... .55
Lee's Head Lice Ointment	.15; post paid... .20

### Lee's Germozone

Liquid, 4-oz. bottle 40c; 12-oz. bottle 75c; cannot be mailed. Tablets, small size 65c; large size \$1.25 per box. Post paid, 70c and \$1.30.

### Germo Magic Cholerine

Germo Magic Cholerine—A vegetable compound for poultry; put in drinking water, will cure and prevent chicken pox and keep poultry in good condition. Price, 65c bottle; cannot be mailed. Tablets, 65c; post paid, 70c.



### A PAINT THAT DISINFECTS, or A DISINFECTANT THAT PAINTS.

Carbola is a snow-white paint, in powder form, combined with germicide, or disinfectant, that is many times stronger than pure carbolic acid. It is neither poisonous nor caustic. Carbola kills lice, mites, fly eggs, etc., and helps prevent the germs of contagious diseases that affect poultry and livestock from getting a start and spreading through flocks and herds. It will not harm the smallest chick or stock that licks a treated surface. Carbola is ready to use as soon as it is mixed with cold water—no straining or waiting—and can be applied to wood, brick, stone or cement surfaces or over whitewash, with a brush or spray pump. One gallon covers about 200 square feet. It will not blister, flake or peel off. It has no disagreeable odor to taint milk or other food products. It does not spoil by standing, so can be kept on hand ready to use for a rainy day job. The dry Carbola powder is unexcelled as a lice powder. Price, 5 lb. pkg. 75c; 10 lb. pkg. \$1.25; 50 lb. bag \$5.00. By parcel post, 5 lb. pkg. 90c; 10 lb. pkg. \$1.55, not past 3rd zone.



REG. U. S. PAT. OFF.

Sal Vet—Destroys worms in Hogs, Sheep, Horses and Cattle. Simply put Sal Vet in the animals' troughs, or give it to them in their feed. Send for circulars.

5-lb. package	\$.60; post paid... \$.75
15-lb. package	1.50; post paid... 1.85
50-lb. package	4.00; cannot be mailed
100-lb. package	6.75; cannot be mailed

### Cow Ease

Cow Ease keeps off flies; gives cows a chance to feed in peace; repellent to lice; good for barn or cattle itch; does not gum the hair; increases the flow of milk; good for spraying hogs—in fact, Cow Ease is one of the best preparations of its kind on the market. Qt. 50c;  $\frac{1}{2}$  gal. 75c; gal. \$1.25. f.o.b. Memphis.

### Diarrene

Prevents and cures White Diarrhea in baby chicks. Reaches the very seat of this dreaded trouble, and is absolutely a sure and safe remedy. Price 60c; post paid, 65c.

### Coldene

Used for ordinary colds, for Bronchitis, Pneumonia, and for extreme cases of Roup. Coldene is used in connection with Pipene. Price, 60c; post paid, 65c.

### Pipene

One application cures the worst case of Roup. It is safer than all the other Roup powders, which are given in the water, as Pipene is injected in the nostrils from inside the mouth and one treatment effects a sure cure. Price, 60c; post paid, 65c.

### Licene

Licene will destroy every louse and "nit" on your chickens, usually keeping them free from lice for six months. Per tube, 60c; post paid, 65c.

### Don-Sung

Makes Hens Lay More Eggs.

Don Sung (Chinese for egg laying) is given in the feed and doesn't force or burst the hen in any way, in fact, it makes her healthier. It is a new scientific discovery for hens, that merely stimulates the egg organs, making them strong and vigorous and as a result they lay regularly in any season. Try a box, we guarantee it. Ask for circulars. Price per box, 50c; large size, \$1.00, post paid.

### Avicol

A safe and effective remedy in tablet form for White Diarrhea, Cholera, etc., in small and large grown fowls. Avicol is now being used by thousands of successful poultry raisers the world over. Write for circulars. Price, 25c, 50c and \$1.00 per pkg., post paid.

### Talcimized Sodium Flouride

Kills Poultry Lice

Talcimized Sodium Flouride is made especially for poultry and carries the Government's directions for applying. It is safe, easy to use, inexpensive and absolutely does the work quickly and effectively. Price, 35c (enough to treat 50 chickens). Post paid, 40c.

## CONKEY'S POULTRY REMEDIES

Conkey's Gape Remedy .....	\$ .25; post paid... \$ .30	Conkey's Noxicide, 1-pt. ....	.50; cannot be mailed
Conkey's Gape Remedy .....	.50; post paid... .55	Conkey's Noxicide, 1-qt. ....	.80; cannot be mailed
Conkey's Head Lice Ointment .....	.10; post paid... .15	Conkey's Noxicide, 2-qt. ....	1.30; cannot be mailed
Conkey's Head Lice Ointment .....	.25; post paid... .30	Conkey's Noxicide, 1-gal ....	2.00; cannot be mailed
Conkey's Scaly Leg Remedy .....	.25; post paid... .30	Conkey's Laying Tonic, 25-lb. pail....	3.00; post paid... 3.50
Conkey's Limber Neck Remedy .....	.50; post paid... .55	Conkey's Roup Powder ....	.30; post paid... .35
Conkey's Healing Gall Salve .....	.25; post paid... .30	Conkey's Roup Powder ....	.60; post paid... .65
Conkey's Bronchitis Remedy .....	.50; post paid... .55	Conkey's Roup Powder ....	1.20; post paid... 1.25
Conkey's Poultry Worm Powder .....	.25; post paid... .30	Conkey's Roup Pills ....	.30; post paid... .35
Conkey's Poultry Powder .....	.50; post paid... .60	Conkey's Roup Pills ....	.60; post paid... .65
Conkey's Poultry Laxative .....	.25; post paid... .30	Conkey's Condition Powder ....	.25; post paid... .30
Conkey's Lice Fix Salve .....	.50; post paid... .55	Conkey's Cholera Cure, small ....	.25; post paid... .30
Conkey's Laying Tonic, small .....	.25; post paid... .30	Conkey's Cholera Cure, large .....	.50; post paid... .55
Conkey's Laying Tonic, large .....	.50; post paid... .60	Conkey's White Diarrhea Remedy ....	.30; post paid... .35
Conkey's Lice Powder .....	.10; post paid... .15	Conkey's White Diarrhea Remedy ....	.60; post paid... .65
Conkey's Lice Powder .....	.25; post paid... .35	Conkey's White Diarrhea Remedy ....	1.20; post paid... 1.25
Conkey's Lice Powder .....	.50; post paid... .70	Conkey's Sorehead Rem., small ....	.25; post paid... .30
Conkey's Lice Powder .....	1.40; post paid... 1.65	Conkey's Sorehead Rem., large .....	.50; post paid... .60
Conkey's Stock Vigor, pkg. ....	.25; post paid... .30	Conkey's Noxicide, 6 oz. cubes.....	.25; post paid... .30
Conkey's Canker Special .....	.50; post paid... .60	Conkey's Noxicide, 15 oz. cubes.....	.60; post paid... .65
Conkey's Liquid Lice Killer, 1-qt. ....	.60; cannot be mailed		
Conkey's Liquid Lice Killer, 2-qt. ....	.90; cannot be mailed		
Conkey's Liquid Lice Killer, 4-qt. ....	1.50; cannot be mailed		

## POULTRY AND STOCK REMEDIES

### Pratt's Poultry and Stock Remedies

	Not Past 3rd Zone
Pratt's Poultry Regulator .....	.25; post paid... \$.35
Pratt's Poultry Regulator .....	.50; post paid... .65
Pratt's Poultry Regulator .....	1.10; post paid... 1.35
Pratt's Poultry Regulator, 12-lb. pails.	1.65; post paid... 1.95
Pratt's Roup Remedy .....	.25; post paid... .30
Pratt's Poultry Condition Tablet....	.25; post paid... .30
Pratt's Cholera Remedy .....	.25; post paid... .30
Pratt's Gape Remedy .....	.25; post paid... .30
Pratt's Sorehead Remedy .....	.35; post paid... .40
Pratt's Bronchitis Remedy .....	.25; post paid... .30
Pratt's White Diarrhea Remedy .....	.25; post paid... .30
Pratt's Lice Powder .....	.15; post paid... .20
Pratt's Lice Powder .....	.30; post paid... .40
Pratt's Animal Regulator .....	.30; post paid... .40
Pratt's Animal Regulator .....	.60; post paid... .70
Pratt's Animal Regulator .....	1.20; post paid... 1.45
Pratt's Animal Regulator, 12-lb. pail..	2.55; post paid... 2.85
Pratt's Animal Regulator, 25-lb. pail..	4.10; post paid... 4.70
Pratt's Calf Tonic .....	.60; post paid... .70
Pratt's Cow Tonic .....	.60; post paid... .70
Pratt's Cow Tonic .....	1.20; post paid... 1.40
Pratt's Worm Powder .....	.50; post paid... .60
Pratt's Hog Cholera Specific .....	.50; post paid... .60
Pratt's Heave Preparation .....	.50; post paid... .60
Pratt's Hog Worm Powder .....	.50; post paid... .60
Pratt's Spavin Paste .....	.50; post paid... .60
Pratt's Liquid Spavin Prep. ...50c and	1.00; cannot be mailed
Pratt's Bag Ointment .....	.40; post paid... .45
Pratt's Colic Preparation .....	.75; cannot be mailed
Pratt's Animal Liniment .....	.70; cannot be mailed
Pratt's Lice Liquid, 1-qt. ....	.55; cannot be mailed
Pratt's Lice Liquid, 1-gal. ....	1.60; cannot be mailed
Pratt's Disinfectant, 1-qt. ....	.55; cannot be mailed
Pratt's Disinfectant, 2-qt. ....	.95; cannot be mailed

### Germ Magic Cholerine

Germ Magic Cholerine—A vegetable compound for poultry; put in drinking water, will cure and prevent chicken pox and keep poultry in good condition. Price, 65c bottle; cannot be mailed. Tablets, 65c; post paid, 70c.

### Dr. Hess' Poultry and Stock Remedies

Dr. Hess' Poultry Panacea, small ....	\$ .25; post paid... \$ .35
Dr. Hess' Poultry Panacea, medium ..	.75; post paid... .90
Dr. Hess' Poultry Panacea, large ....	1.50; post paid... 1.80
Dr. Hess' Instant Louse Powder .....	.25; post paid... .35
Dr. Hess' Stock Tonic .....	.25; post paid... .35
Dr. Hess' Stock Tonic .....	.50; post paid... .65
Dr. Hess' Worm Powder .....	.50; post paid... .60
Dr. Hess' Distemper Remedy .....	.50; post paid... .60
Dr. Hess' Healing Powder .....	.25; post paid... .30
Dr. Hess' Heave Powder .....	.50; post paid... .60
Dr. Hess' Colic Cure .....	1.00; cannot be mailed
Dr. Hess' Stock Food, 25-lb. pail.....	2.25; cannot be mailed
Dr. Hess' Poultry Panacea, 25-lb. pail.	3.00; cannot be mailed
Dr. Hess' Animal Dip, 1-qt. ....	.50; cannot be mailed
Dr. Hess' Animal Dip, 2-qt. ....	.90; cannot be mailed

### Oculum

A scientific remedy and preservative for all poultry diseases. It is especially valuable for preventing and curing White Diarrhea in baby chicks. Be sure to inoculate your chicks this season with Oculum and you will raise 95 per cent. Oculum is also used as an egg-producer; increases both fertility and vigor. Ask for descriptive circular. Price, 50c and \$1.00 bottles. By parcel post, add 10c extra.

### Tarx

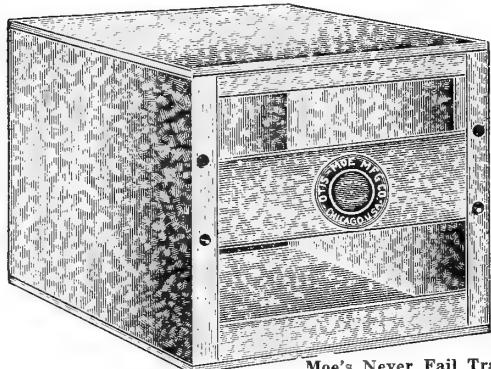
A Better Dip and Disinfectant in a Handier and Cheaper Form

This is a high strength solidified coal tar derivative disinfectant, readily soluble in water. Tarx is always of uniform strength; keeps indefinitely; never freezes; never leaks and is three times as effective by weight in comparison with most liquid disinfectants. Tarx is a solid—you add the water, but pay nothing for freight on bottles, barrels or drums. Exterminates ticks and body parasites on sheep; destroys cattle lice; prevents disease among hogs; keeps buildings, bins and poultry houses sanitary. Each cube makes a gallon. 1 lb. pkg. of 30 cubes, 65c; 5 lb. pkg. of 150 cubes, \$3.00. Post paid, 1 lb. pkg. 75c; 5 lb. pkg. \$3.15.

### Succulenta Green Food Tablets

Take the place of green food. Simply dissolve a tablet in drinking water, and forget about green foods. Fowls drink it with relish. You don't have to bother with time and labor of feeding your chickens green sprouted oats, cabbage or other green food. Try them once and solve the green food problem forever. Price, box 100 tablets, 50c; box 250 tablets, \$1.00. By parcel post, 5c box additional. Prices include war tax.

# NESTS—NEST EGGS—COOPS—OAT SPROUTERS



Moe's Never Fail Trap Nest

### Moe's Never Fail Trap Nest

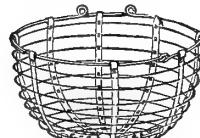
As the name implies, it never fails. Every nest set up and ready for use when shipped. Manufactured in two sizes. No. 33, 12x12x12 ins., complete, each.....\$1.45  
No. 34, for larger fowls, 12x12x14½ ins., complete, each.. 2.00  
By parcel post, No. 33, \$1.70; No. 34, \$2.35, not past 3rd zone.

### Wire Hen's Nest

These nests are intended to be fastened with screws or screw hooks—if wanted removable. They afford no place for vermin and allow the air to circulate freely, advantages not obtained when wooden boxes are used. They are intended to be filled with straw, which can be readily removed. Each, 25c; doz. \$2.80. Post paid, each, 40c; 12 for \$3.10, not past 3rd zone.

### Fibre Ware Pigeon Nests

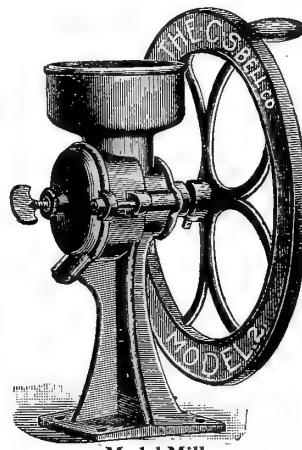
Made of fibre. Very light and durable. Pigeon fanciers prefer them to any other kind. Each 25c; 6 for \$1.35; 12 for \$2.50. Post paid, each 30c; 6 for \$1.60.



Wire Hen Nest



Pigeon Nest



Model Mill

### Model Grinding Mill

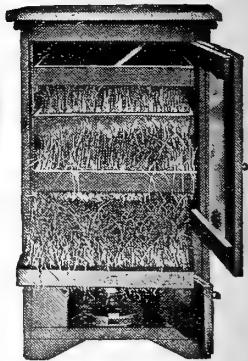
One of the best all-round mills yet produced. They are designed for grinding wheat, making graham flour and corn meal for family use. Grinds feed, either fine or coarse, for chickens; also shells, roots, salt, charcoal, etc. Capacity about as follows, depending on the condition of grain and fineness: No. 1, ½ to 1 bushel per hour; No. 2, ¾ to 1½ bushels per hour; No. 3, 1 to 2 bushels per hour.

Prices and Sizes f.o.b. Memphis

No. 1—Height, 13 ins., weight, 20 lbs., price.....	\$3.50
No. 2—Height, 16 ins., weight, 35 lbs., price.....	6.00
No. 3—Height, 18½ ins., weight, 63 lbs., price.....	7.50



Eyrie Coop



Successful Grain Sprouter

### Nest Eggs

Knox Lice Medicated Nest Eggs—These eggs are a perfect imitation of the hen's egg, containing a powerful disinfectant, which keeps all lice, mites, etc., out of nest and off the hen. Each 8c; doz. 75c. Post paid, each 15c; doz. 90c.

Lime Nest Eggs—Non-breakable, Antiseptic. A perfect shape, making it a splendid and lasting accessory. Doz. 40c. Post paid, doz. 50c.

Porcelain—These are made of first class glass. They will not break easily and will last a lifetime. Doz. 40c. Post paid, doz. 50c.

### Up-to-Date Square Coop

This coop is made of heavy galvanized steel, is knocked down, with sliding seams. Bottom can be removed for cleaning. Has three doors, one ventilating. One slat. One solid door. Takes up very little space when packed away for winter, has sliding ridge cap, also ventilated on both sides under ridge cap. Size 18 inches by 24 inches by 18 inches high.

Price, each, \$2.50, f.o.b. Memphis.

### The Eyrie Shipping Coop

Shipped flat; simple in construction—a child can set them up. Prices, f.o.b. Memphis.

No. B—21x12x22 deep .....	each .90
No. C—21x18x22 deep .....	each 1.00
No. D—21x24x22 deep .....	each 1.10

### Successful Grain Sprouter

Made in sections, double galvanized steel wall construction, will sprout oats, barley, etc., safely and quickly. Prices as follows:

No. 1—Base and 1 section, 2 trays, cap. 30 to 60 hens,	\$12.00
No. 2—Base and 2 sections, 4 trays, cap. 75 to 100 hens,	15.00
No. 3—Base and 3 sections, 6 trays, cap. 130 to 200 hens,	18.75

### The Lawn Park Coop

Gives the chicks sunshine, fresh air, grass and protection from all enemies. This coop is made to telescope, therefore affords chicks roving space, yet they are safe. Has removable bottom, makes cleaning easy; sanitary; keeps out lice and mites, and gives ample ventilation. Size coop, closed 18x24 inches. When open with park extended, 18x48 inches. Price, each \$4.00, f.o.b. Memphis.

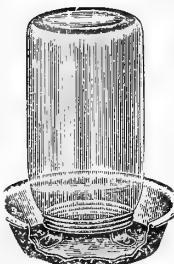


The Lawn Park Coop

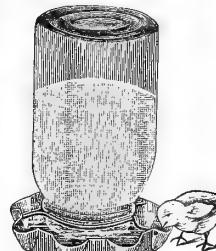
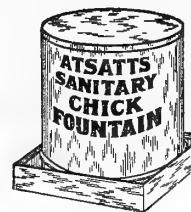
## POULTRY DRINKING FOUNTAINS



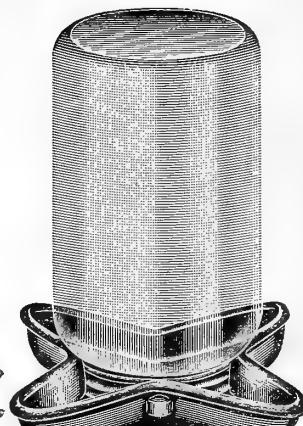
Moe's Sanitary Top-Fill Fountain



Up-to-Date Poultry Fountain and Feeder



Schwill's Fountain Holder



Star Fountain Holder

### Moe's Sanitary Poultry Drinking Fountain

Fills from the top. Dead air space keeps water cool in summer and from freezing in winter. Now made with square pan, which does away with spilling when hung up. Can be used for two pens at the same time. Manufactured in 3 sizes.

No. 1, 1-gallon capacity.....	\$1.75
No. 2, 2-gallon capacity.....	2.40
No. 4, 4-gallon capacity.....	3.25

By parcel post, 25c each extra.

### Thermos Poultry Fount

#### Prevents Water From Freezing

Also keeps water cool in summer. It is most essential in winter, for laying hens must have plenty of water to produce eggs, as eggs are 74 per cent water. The outer tank is made of best galvanized steel and inner tank of copper bearing rust resisting galvanized metal. It has large drinking space and is easily cleaned—an absolute necessity to every poultry raiser. 2½ gal. size \$5.00; 5 gal. size \$6.00, f. o. b. Memphis.

### The Duplex Fountain

The latest and most practical sanitary fountain on the market. This is a double fount, keeps the water clean and pure. Easy to fill, easy to care for. Made in two sizes. Try a Duplex. 4 qt. \$1.25; 8 qt. \$1.75. Post paid, 4 qt. \$1.50; 8 qt. \$2.00.

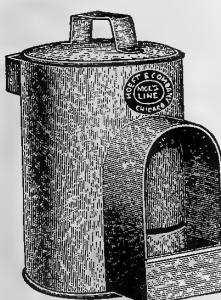
### Wall or Hub Fountain

A galvanized iron hood projects over the water trough and protects the water from becoming soiled. These fountains are equally serviceable for young chickens or adult fowls, and are especially useful for pigeons.

Price, 1-quart .....	\$ .65; post paid \$ .80
Price, 1-gallon .....	1.35; post paid 1.50
Price, 2-gallon .....	1.60; post paid 1.85

### Stoneware Jug-Shaped Poultry Fountain

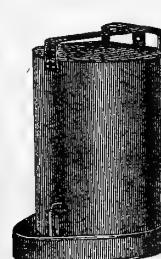
It is made in two parts, the saucer being separated from the upper portion, so it can be easily separated and thoroughly cleaned. 1 gal. 60c; 2 gal. 85c, f. o. b. Memphis. Cannot be mailed.



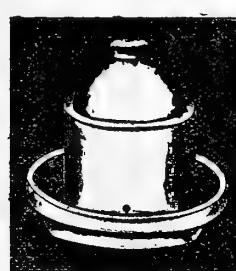
Wall or Hub Fountain



Ready to Fill  
Improved Drop Bottom Fountain



Filled  
Improved Drop Bottom Fountain



Stoneware Fountain



The Duplex Fountain

### Up-to-Date Poultry Fountain and Feeder

These pans make one of the finest feeders that we know of. The feet supporting the thread socket into which the Mason jar screws are firmly electric welded to the bottom of the pan. They can be used for either food or water and afford a constant clean supply. We do not furnish the glass jar, but any Mason jar will fit them. Price each 25c; parcel post paid 30c.

### Star Jar Fountain and Feeder

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. One size only. No. 32, each 15c; 6 for 75c. Post paid, each 20c; 6 for 90c.

### Schwill's Fountain Holder

It is easy to fill and operate. Just lift trigger as shown above, fill jar with water, snap on pan and reverse as above, and you have a fountain that affords water to many chicks at the same time, while there is no danger of wet feet or from drowning. Fits any Mason jar. Each 15c; 6 for 75c; post paid, each 20c; 6 for 90c.

### Atsatt's Sanitary Chick Fountain

The Atsatt, specially illustrated above, is one that every poultryman needs. It is designed for chicks in brooder or in the open. The bottom snaps on but is easily removable. All danger of drowning is eliminated and the fountain cannot be tipped over like the kind commonly used, consisting of a can in a dish. 1 qt. 40; post paid, 50c.

### Improved Drop Bottom Fountain

This is one of the best sanitary Fountains offered today for the poultryman at a moderate price. Made in four sizes. 2 qt. \$1.00; 1 gal. \$1.25; 2 gal. \$1.50; 4 gal. \$2.25. Post paid, 25c each extra.

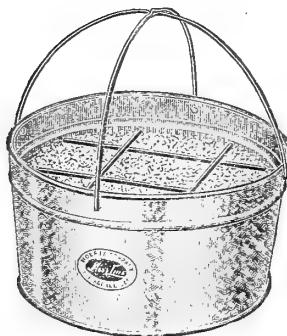
## FEEDERS, HOPPERS AND GRIT BOXES

### Moe's Round Mash Hopper

A good, economical Dry Mash Feeder, made of heavy galvanized iron with a capacity of 8 quarts.

Can be fastened with a cord or wire to the ceiling of the poultry house and thus hung up out of the litter at any height desired.

Has a rolled-in edge, and wire grid which rests on the feed and prevents the birds from wasting it. The top wire bales also prevent the chickens from getting in the hopper. Price each 75c; post paid 95c.



### The Apaco Poultry Hopper

This automatic feeder is constructed to fill a long-felt want for a good feeder at a small price. The Apaco Feeder will save work and worry; insures proper feeding, increases egg production, decreases feed bills, scatters the feed thoroughly; it won't clog. Made in one size only, 12-qt. capacity, \$1.25. Post paid, \$1.50.



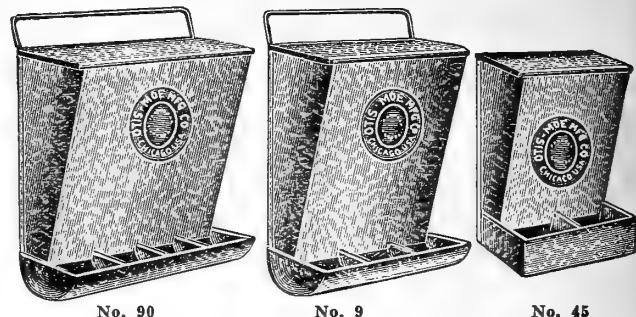
Pigeon and Chick Hopper

### Atsatt Galvanized Poultry Feeder

Made with hinged guard to keep fowls from wasting the feed; can be used for mash or any dry grain feed. The tapering guard keeps birds from roosting or setting on top of the feeder. The pan is 18 inches long, 6 inches wide and 3 inches deep. Price, each 85c; post paid, \$1.00.



Moe's Never-Clog Mash Hopper



No. 90

No. 9

No. 45

### Grit and Shell Boxes

Grit, shell and charcoal have now become a recognized essential part of the diet, insuring healthy fowls, and it cannot be more economically supplied than in one of these triple compartment boxes.

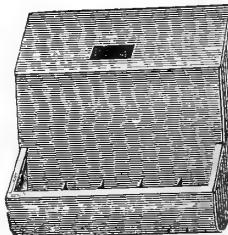
No. 45, 2 Compartments, for chicks.....\$ .40; post paid \$ .50  
No. 9, 3 Compartments, for hens ..... .90; post paid 1.10  
No. 90, 4 Compartments ..... 1.25; post paid 1.45



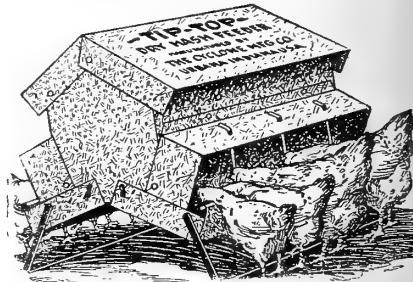
### Round Pigeon and Chick Hoppers

Made of galvanized steel and the galvanized wire grating is adjustable up and down, to regulate the feed.

A neat, practical, and durable hopper. Height, 13½ inches; diameter of hopper, 7½ inches; diameter of pan, 10½ inches. Price, each \$1.75. Post paid, \$2.00.



Front View Handy Hopper



Cymaco Mash Feeder

### Cymaco Dry Mash Feeder

This is a new Mash Feeder, and one with a number of special features, as follows: Stands on legs, can be placed in center of pen, feeds on both sides, flow adjustable, troughs shedded, equipped with agitators. Made in two sizes.

No. 12, 12 ins. long, \$2.25; No. 24, 24 ins. long, \$3.75 each, f.o.b. Memphis.

### The Handy Dry Mash Hopper

The Handy Hopper is made considerably wider at the bottom than at the top, so that is impossible for any sort of dry mash to clog in it. Feed put in this hopper cannot be wasted for the trough is deep, has a wide flange all around it, and solid partitions, making it impossible for the fowls to pile up the feed and throw it out with their bills. We consider this one of the best hoppers made, and it is suitable for any kind of dry mash. The cuts do not show any lid over the trough; but we make them with a rat proof and dust proof lid over both hopper and trough.

No. 1, 12 ins. long, 1 compartment .....	\$1.75
By parcel post .....	2.25
No. 2, 18 ins. long, 1 compartment .....	2.25
By parcel post .....	2.50
No. 3, 24 ins. long, 2 compartments, By express only .....	2.50
No. 4, 36 ins. long, 2 compartments, By express only .....	3.75



### Atsatt Wall Feed Pan

For feeds, grit, shell, bone, charcoal, water, etc. Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. Chicks cannot roost on it. Hangs high or low. Made of galvanized iron; 23 inches long, holds three quarts. Practical and cheap. Each 65c; post paid, 75c.

## BABY CHICKS, FEEDERS AND LITTER



Moe's Round Baby Chick Feeder



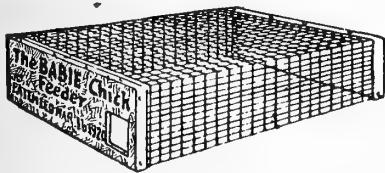
Oakes' Grit Box

### Moe's Round Baby Chick Feeder

The most convenient and commodious feeder on the market. Can also be used for water. Manufactured in two sizes. No. 11, Small size ..... \$ .20; post paid \$ .30  
No. 12, Large size ..... .30; post paid .40

### Oakes' Chick Grit and Shell Box

Growing chicks should have grit, oyster shell and charcoal always before them; and for this purpose our Chick Grit and Shell Box is indispensable. It is made of galvanized steel with three compartments. Height,  $\frac{7}{8}$  ins., width, 6 ins.; depth (front to back), 4 ins. at bottom, and 2 ins. at top. Price, chick size 75c; post paid, 85c. Large size, for grown fowls, \$1.10; post paid \$1.25.



### The "Babie" Chick Feeder

This simple wire feeder protects the little chicks and insures them plenty of feed, and will pay for itself many times over in economy of feed. It can be used to prevent mother hens from straying with their broods, and also in connection with the Lawn Park Brood Coops. Price, \$1.50, f.o.b. Memphis.

### O. K. Poultry Litter

A perfect scratching material. Superior to straw, alfalfa meal, etc. A deodorizer, absorbent, disinfectant and labor-saving litter. It absorbs all the moisture from droppings. Will last for several months in your brooder or poultry house. Lice will not live in it, and therefore makes a splendid material for nests, being soft and pliable and keeps out all insects. Try O. K. Litter once and you will never be without it. Price, 20 lb. \$1.00; 50 lb. \$2.00; bale, about 160 pounds, \$4.75, f.o.b. Memphis.

## BABY CHICKS OF QUALITY That Live and Grow Into Profitable Fowls

The easiest, quickest and most profitable manner of securing a flock of eggs and meat producing chickens is by the purchase of high quality baby chicks. Our customers testify to that fact. You can secure baby chicks of the breed you desire and at the time you want them, delivered to your home with a guarantee of 97 per cent safe arrival.

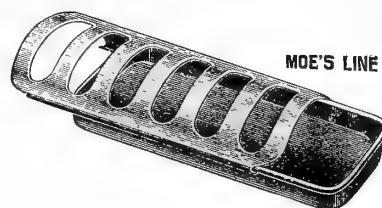
Poultry is more quickly produced and at less cost than any other meat one can buy. To have your own flock producing eggs and meat for you the whole year around is a saving the total of which in a year counts considerable.

### Breeds We Can Supply

- White Leghorns
- Brown Leghorns
- Barred Plymouth Rocks
- White Plymouth Rocka
- Buff Orpingtons

- Rhode Island Reds
- White Wyandottes
- Mottled Anconas
- Black Minorcas

WRITE FOR PRICES ON BABY CHICKS



Moe's Sanitary Feeding Trough

### Moe's Sanitary Feeding Trough

Accurately stamped with dies. No sharp or rough edges to injure the chicks. Top slides off, so pan is easily filled and cleaned. No. 21, length 12 ins., each 40c; No. 22, length 18 ins., each 60c; No. 23, length 24 ins., each 75c. Post paid, add 10c each.



Moe's Single Feeding Trough

### Moe's Single Feeding Trough

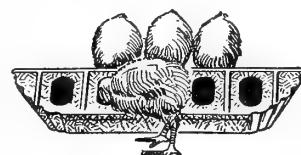
For chicks and growing stock. Accurately stamped with dies. No rough edges, and can be hung on the wall. Sliding top. No. 55, length 12 ins., each 35c; No. 56, length 18 ins., each 45c; No. 57, length 24 ins., each 60c. Post paid, add 10c each.



Moe's Double Feeding Trough

### Moe's Double Feeding Trough

Double trough with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges. No. 58, length 12 ins., each 45c; No. 59, length 18 ins., each 60c; No. 60, length 24 ins., each 70c. Post paid, add 10c each.



Oakes' Feed Trough

### Oakes' Feed Trough

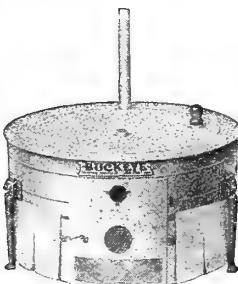
Over the trough is a gable-shaped grate which prevents the chicks from getting into it and wasting or fouling the feed. This grating is a separate piece and slides on and off easily. It is stamped into shape with dies, and is ribbed as shown in the cut, making it strong and substantial. Made in two sizes —10-inch and 20-inch.

10-inch Trough, with Grate ..... \$ .30; post paid \$ .40  
20-inch Trough, with Grate ..... .45; post paid .60

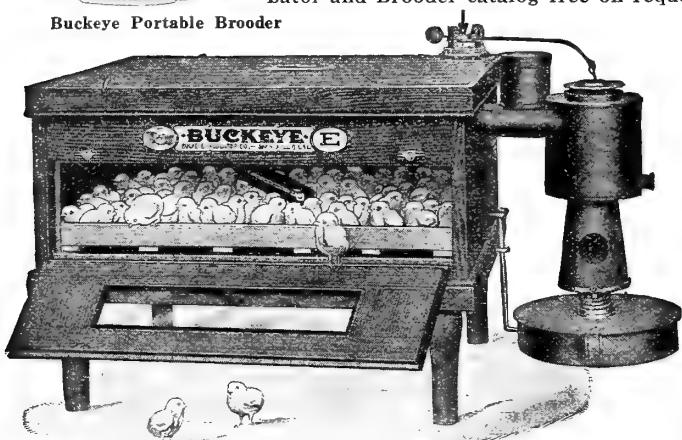


### Atsatt Chick Feeder

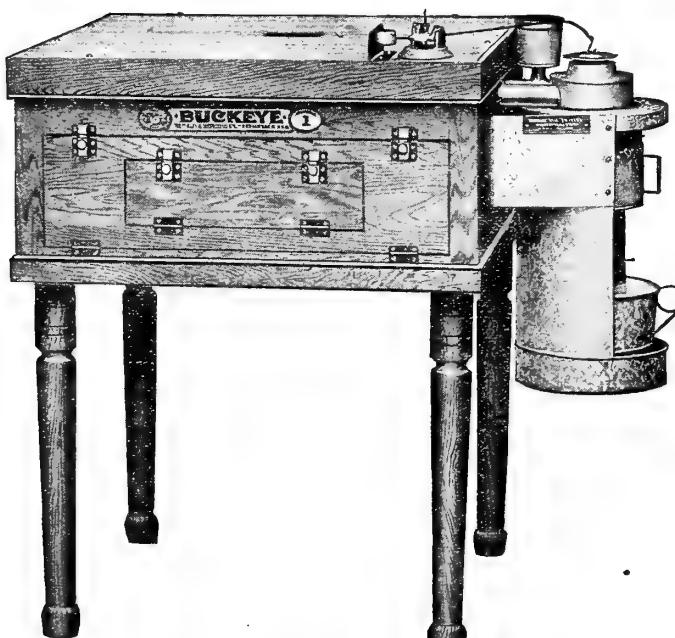
"They cannot get into it." Therefore, clean food. The top removes easily for cleaning. Springs back into place. Can be used for either wet or dry feed or for water. Cannot rust. Made for any brooder, but does not take up much space. Size, 10 inches long, 4 inches wide. Just the thing for your brooder. Each, 35c; post paid, 45c.



Buckeye Portable Brooder



Buckeye No. 14, Style E, 65—Egg Incubator



Buckeye No. 1, Standard 110-Egg Incubator



Improved Blue Flame

We are Authorized Agents for the celebrated Buckeye Incubators. These are hot water machines, well made and easy to operate. The Buckeye Incubator is built up to a standard and not down to a price, and still the price is very reasonable.

These machines are sold under an absolute factory guarantee and, with the proper care, should give perfect satisfaction for years. There are more Buckeye Incubators sold today than any other machine, owing to their satisfactory operation, and it is indorsed by many of the Agricultural and Experiment Stations. If you want an Incubator it will pay you to buy a Buckeye. All prices quoted on Incubators and Brooders are packed f.o.b. Memphis. Complete Buckeye Incubator and Brooder catalog free on request.

# BUCKEYE

THE PERFECT INCUBATOR

## Buckeye Incubators

These machines are made in seven sizes, as follows:

Buckeye No. 14, Style E,	65-egg Incubator,	price.....	\$16.50
Buckeye No. 16, Style E,	110-egg Incubator,	price.....	27.50
Buckeye No. 17, Style E,	210-egg Incubator,	price.....	36.75
Buckeye No. 1, Standard	110-egg Incubator,	price.....	37.50
Buckeye No. 2, Standard	175-egg Incubator,	price.....	44.50
Buckeye No. 3, Standard	250-egg Incubator,	price.....	57.75
Buckeye No. 4, Standard	350-egg Incubator,	price.....	68.00
Buckeye No. 5, Standard	600-egg Incubator,	price.....	107.00

## Buckeye Portable Brooders

These oil-burning brooders are similar in construction to the Security Portable Brooders. They were especially designed for those who want a good brooder to raise only a few chicks. These brooders are made in three sizes and will accommodate from 60 to 150 chicks, according to size, as follows:

No. 20—19 in. in diameter, capacity	60 chicks.....	\$11.75
No. 21—22 in. in diameter, capacity	100 chicks.....	15.50
No. 22—30 in. in diameter, capacity	150 chicks.....	19.00

## Buckeye Standard Colony Stove Brooder

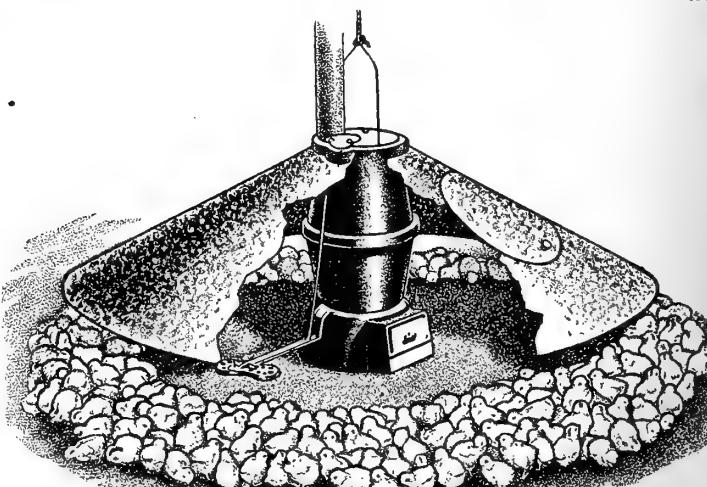
The most remarkable coal-burning brooder ever invented. It is self-feeding, self-regulating, simple, safe and everlasting. Cuts the cost of equipment and cost of operation to less than half. Reduces the time and labor to less than a fourth. Simple as a kitchen range. Broods from 100 to 1000 chicks. Write for special circulars.

No. 18—Capacity 500 chicks, price.....	\$21.50
No. 19—Capacity 1000 chicks, price.....	26.50

## Buckeye Blue Flame Brooder

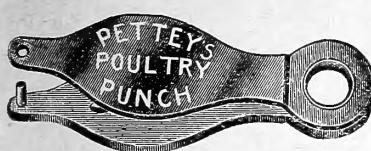
In the construction of this Brooder valves of every character have been eliminated. Experience proved them to be dangerous and impractical. The lighting process is exactly like lighting an ordinary house lamp. No priming needed and no special education required to operate it. Produces greater volume of heat with smaller consumption of oil. Will not use more than gallon of oil in 24 hours. Large channels guard against stopping oil supply and assure continuous heat. In three sizes:

No. 27—Capacity up to 200 chicks, diameter 34 ins.....	\$17.50
No. 28—Capacity up to 350 chicks, diameter 42 ins.....	20.00
No. 29—Capacity up to 500 chicks, diameter 52 ins.....	22.50



Buckeye Standard Colony Stove Brooder

## MISCELLANEOUS POULTRY REQUISITES



Automatic Chick Greaser



Champion Leg Bands

### LEG BANDS

#### Champion Leg Bands

This aluminum band is made in one piece, adjustable to fit any fowl. Held by double lock; it is impossible for them to lose off. Numbered from 1 to 400. Price, doz. 15c; 25 for 25c; 100 for 75c, post paid.

#### Colored Spiral Leg Bands

Made in many different colors—red, green, blue, yellow, pink, white, etc. Slip on just like a key ring; no tools required. Will not come off; fowls cannot lose or remove them. Made in all sizes. State for what breed you want the bands. 12 for \$ .20; post paid, \$ .25; 50 for \$ .65; post paid, \$ .70; 25 for .35; post paid, .40; 100 for 1.25; post paid, 1.35

#### Colored Leader, Adjustable

For a general purpose band that provides quick and accurate identification, this Colored Leader cannot be equalled. It will fit anything from Bantam to Cochinchina, or Tom Turkey or Goose. Light in weight, but of sturdy design and construction. Continuous line of color around the band so that a bird can be distinguished, so far as brood or pen is concerned, from a distance. A "crackerjack" for trap nesting. Prices: 12 for 30c; 25 for 60c; 100 for \$1.50, post paid.

#### Poultry Punches

Petey Poultry Punch—Cuts clean hole with ease. Price, 30c, post paid.

#### Pilling Special Capon Set

This set is not the cheapest offered but is one of the best on the market. The instruments in this set are put up in oak case, sent postpaid with full easy to use directions, on receipt of \$4.00

#### X-Ray Egg Tester

Designed for use on an ordinary hand lamp and fits over any style burner with a diameter approximately that of the tester. Each 30c; post paid, 40c.

#### Incubator and Brooder Lamps

Par.Po.

Par.Po.

No. 1 Lamp Bowls. \$1.00 \$1.15

No. 1 Lamp Burners. \$.75 \$.80

No. 2 Lamp Bowls. 1.10 1.25

No. 2 Lamp Burners. .75 .80

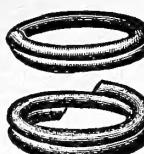
No. 3 Lamp Bowls. 1.25 1.40

No. 3 Lamp Burners. 1.00 1.10

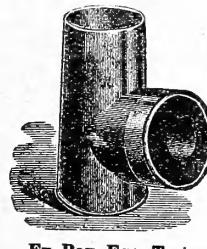
#### Lamp Wicks

Cotton Wicks, all sizes.....each 5c; doz. 50c, post paid

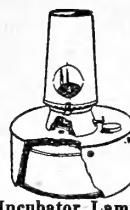
Red Felt Wicks, all sizes.....each 10c; 3 for 25c, post paid



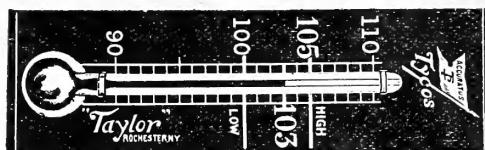
Colored Celluloid Spiral Leg Bands



Ex-Ray Egg Tester



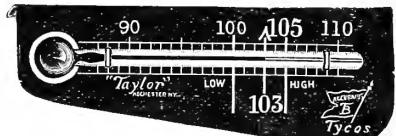
Incubator Lamp with Chimney



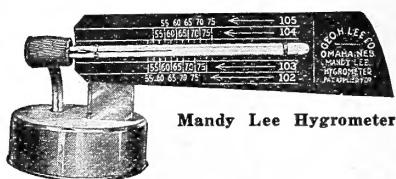
Schwill's 5774 Incubator Thermometer



No. 5792 Thermometer



Schwill's 5770 Incubator Thermometer



Mandy Lee Hygrometer

### Buckeye Incubator and Brooder Extras

Buckeye Inc. Thermometers, each .....	\$1.00	post paid \$1.10
Buckeye Inc. Thermom. holders, each ....	.15	post paid .15
Buckeye Inc. Lamp Bowls, each .....	1.00	post paid 1.15
Buckeye Inc. Lamp Burners, each 75c and	1.00	postage extra
Buckeye Inc. Lamp Chimneys, each .....	.50	post paid .60
Buckeye Inc. Ad. Rod & Set Screws, each..	.50	post paid .60
Buckeye Egg Testers, each .....	.50	post paid .60
Buckeye Brooder Thermometer, each....	\$1.25	post paid \$1.35
Buckeye Brooder Wafers, each .....	.50	post paid .55

Other parts quoted on request. When ordering lamp bowls always give height and width of the old lamp.

### Incubator and Brooder Thermometers

Each. Par.Po.

Buckeye Incubator Thermometer .....	\$1.00	\$1.10
Cycle Hatcher Incubator Thermometer .....	1.00	1.10
Prairie State Incubator Thermometer .....	1.00	1.10
Schwill's Tycos Thermometer, No. 5770 .....	.75	.85
Schwill's Tycos Thermometer, No. 5774 .....	.75	.85
Schwill's Tycos Brooder Thermometer, No. 5792.	.50	.60
Wires for Hanging Thermometers .....	.10	.15

### Mandy Lee Hygrometer

Registers accurately the percentage of moisture in the egg chamber, and directions that go with it show absolutely what percentage of moisture is needed during each day of incubation and how the desired amount may be maintained, regardless of the humidity of the outer air. Can be used in any incubator. Price of the Mandy Lee Hygrometer, \$2.00; post paid, \$2.10. Extra wicks, 10c each, 3 for 25c.

### Improved Automatic Chick Greaser

Saves the chicks from vermin. The chicken its own doctor. Will grease 100 chickens in a few minutes. Kills mites, fleas, lice and red bugs. The chicken, while eating out of the pan, rubs against the wick, greasing itself; you don't catch them. Put melted lard in the tank and feed in the pan, set pan in the yard among the chicks and see how quick it works; the chicken and wick come together and the vermin are killed. No. 1 Machine, for 50 chicks, \$1.00. Post paid, \$1.15.

### Magic Egg Tester

Designed especially to show before incubation which eggs will give to the germ the greatest strength and most complete nourishment, so that eggs having weak germs may be rejected. Get a Magic Tester in time, so as to be able to tell when hens lay fertile or infertile eggs. Complete circulars on request. Price, each \$2.50; post paid, \$2.60.

# LEWIS BEE HIVES AND SUPPLIES

We have listed below only a few of the main items of supplies; we, however, are prepared to furnish anything needed for the Beekeeper and can fill any order, large or small, at a great saving of freight and time, and at factory prices. The following prices are f.o.b. Memphis and are subject to change without notice. Complete Lewis Bee Ware catalog free on request.

## One-Story Hives

### Not including Foundation Starter

	1 Hive	5 Hives
In Flat, including Nails.		
1-Story, 8-Frame	\$3.20	\$14.05
1-Story, 10-Frame	3.50	15.10

## Dovetailed Comb Honey Supers

The following prices are in flat, without sections or starter.

### No 1, or Regular, taking 4½x1½ ins. Beeway Sections

	1 Super	5 Supers
8-Frame	\$1.30	\$4.90
10-Frame	1.40	5.50

### No. 2, or Plain, taking 4½x1½ ins. Sections

	1 Super	5 Supers
8-Frame	\$1.55	\$6.40
10-Frame	1.70	7.25

### No. 4, or 4x5-in., taking 4x5x1½-in. Plain Sections

	1 Super	5 Supers
8-Frame	\$1.70	\$7.85
10-Frame	1.90	8.60

## Shallow Extracting Super, 5 11/16" Deep

	1 Super	5 Supers
In Flat, including Nails.		
8-Frame, size 5½-in. deep	\$1.20	\$4.90
10-Frame, size 5½-in. deep	1.30	5.45

## Empty Supers

Always state which style Super Shell is wanted, whether the No. 1, No. 2 and No. 4, or for Shallow Extracting Frames.

	1 Super	5 Supers
8-Frame Size, for Section Holders	\$ .70	\$2.80
10-Frame Size, for Section Holders	.75	2.90
8-Frame Size, for Shallow Extract'g Frames	.80	3.20
10-Frame Size, for Shallow Extract'g Frames	.85	3.30

## Dovetailed Bodies

When extra Bodies are wanted, the prices are as follows, including Brood Frames and Division Board and Metal Rabbits, except 10-Frame do not have Division Boards:

	1 Body	5 Bodies
In Flat, including Nails.		
8-Frame	\$1.90	\$7.40
10-Frame	2.10	8.10
8-Frame, without inside fixtures	1.20	4.60
10-Frame	1.25	4.70

## Bottoms for Dovetailed Hives

	1 Bottom	5 Bottoms
In Flat, including Nails.		
8-Frame	\$ .85	\$4.10
10-Frame	.90	4.25

## Covers for Hives

	1 Cover	5 Covers
In Flat, including Nails.		
8-Frame, Excelsior	\$.85	\$3.95
10-Frame, Excelsior	.90	4.10
8-Frame, Metal Roof, Inner Cover	1.50	6.95
10-Frame, Metal Roof, Inner Cover	1.60	7.20

## Section Boxes

We carry following sizes in stock, all No. 1 grade—4½x1½, 2-Beeway; 4½x1½, plain; 4x5x1½, plain; 3½x5x1½, plain. Prices as follows:

Beeway Sections	..100, \$1.60; 250, \$3.75; 500, \$7.25; 1000, \$14.50
Plain Sections	..100, \$1.50; 250, \$3.50; 500, \$6.75; 1000, \$13.50

By parcel post, add 25c per 100 for postage.

## Bee Gloves

Bee Gloves, canvas, large, medium or small.....per pair \$0.95  
By parcel post, \$1.05.

## Hoffman Self-Spacing Frame

Prices in Flat, including Nails, 10 frames, 80c; 100 frames, \$7.00

## Shallow Extracting Frames

Prices, in Flat, including Nails, 10 frames, 60c; 100 frames, \$5.25

## Queen Excluding Honey Boards

### Wood Bound Zinc Board

Prices as follows:	One	Ten
For 8-Frame Hive	\$.65	\$6.25
For 10-Frame Hive	.70	6.70

### Unbound Zinc Board

Prices as follows:	One	Ten
8-Frame, 12x19½	\$.35	\$3.35
10-Frame, 16x20	.45	4.15

## Bee Veils

Excelsior Veil .....		\$1.25
Mosquito Bar, each .....		.50
Cotton, with Silk Face, each .....		1.00
All Cotton, each .....		.90
By mail, 5c extra.		

## Price List of Comb Foundation

In Lots of—	per lb.	per 2 lbs.	per 5 lbs.
Medium Brood .....	\$.80	\$1.54	\$3.75
Light Brood .....	.82	1.58	3.85
Thin Surplus .....	.88	1.70	4.15
Extra Thin Surplus .....	.90	1.74	4.25

Foundations by mail, 10c per lb. additional for postage.

## Bee Smokers

### Bingham Smokers

Name	Size of barrel	Each	By mail
Big Smoke, tin, shield .....	4 x10	\$2.25	\$2.40
Big Smoke, tin, no shield .....	4 x10	1.75	1.95
Smoke Engine, tin .....	4 x 7	1.50	1.67
Doctor .....	3½x 7	1.25	1.36
Little Wonder .....	3 x 5½	.90	1.05
Smoke Engine, copper .....	4 x 7	2.50	2.63
Doctor, copper .....	3½x 7	2.25	2.31

## Price List of Tinned Wire

¾-oz. Spools .....	each	\$ .09; post paid \$ .13
½-lb. Spools .....	each	.18; post paid .22
½-lb. Spools .....	each	.33; post paid .38
1-lb. Spools .....	each	.50; post paid .60
5-lb. Coils .....	each	2.28; post paid 2.48

## Alley's Queen and Drone Traps

### Woven Wire Style

Price, each .....	\$ .90; post paid \$ 1.00
State if wanted for 8 or 10-Frame Hives.	

## Fence Separators

Prices, any style, 10, 90c; 100, \$8.00.

No. 2 or P Fence—Used in No. 2 or Plain Super, with Plain Section Holders and Plain 4½x4½x1½ Sections.

No. 4 or 4x5 Fence—Used in No. 4 Supers, with Plain Section Holders for 4x5x1½ Sections.

## Wood Separators

Slotted Wood Separators .....

10, 30c; 100, \$3.00

## Section Holders

Slotted Section Holders, per 100 .....	\$5.25
Plain Section Holders, per 100 .....	5.10
Plain Section Holders, for 4x5-in., per 100 .....	5.50

COMPLETE BEE SUPPLY CATALOG FREE ON REQUEST

# Schwill's Quantity Price List

Memphis, Tenn., January 1, 1924

**NET CASH GOODS.**—All prices quoted in this list are present values and subject to change without notice, and provided our stock is unsold. We do not, however, expect many changes, and our customers may rely upon receiving the very lowest prices current at the time their orders are received.

**TERMS.**—As the prices are NET CASH, a remittance must accompany all orders. These prices are F.O.B. Memphis, sacks included. Freight or express charges to be paid by the purchaser.

**PARCEL POST.**—When any items ordered from these prices are to be sent by mail, sufficient must be added to the following prices to pay postage.

**ARTICHOKEs. (Page 3)**

	1 lb.	Pk.	Bu.
Jerusalem (bu. 50 lbs.)	\$ .15	\$ .90	\$ 2.75

**BEANS, BUSH—Green Pod.—Bu. 60 lbs.**

(Page 4)	4 Qts.	Pk.	Bu.
Black Valentine	\$1.75	\$3.00	\$11.50
Burpee's Stringless Green Pod	1.60	2.75	10.50
Giant Stringless Green Pod	1.60	2.75	10.50
Hopkins' Improved Red Valentine	1.50	2.50	9.00
Improved Extra Early Red Valentine	1.50	2.50	9.00
Round Yellow Six Weeks	1.75	3.00	10.50
Tennessee Green Pod	1.50	2.75	10.50

**BEANS, BUSH—Wax Pod.—Bu. 60 lbs.**

(Page 5)	4 Qts.	Pk.	Bu.
Prolific Black Wax	\$1.50	\$2.50	\$ 8.50
Currie Rust Proof Wax	1.60	2.75	9.50
Davis White Kidney Wax	1.75	3.00	11.50
Flageolet Violet Wax	1.50	2.50	9.00
Improved Golden Wax	1.50	2.50	8.50
Wardwell's Kidney Wax	1.75	3.00	11.50

**BEANS, POLE OR RUNNING—Bu. 60 lbs.**

(Page 6)	4 Qts.	Pk.	Bu.
Kentucky Wonder	\$1.75	\$3.25	\$12.00
White Creaseback	1.75	3.00	10.50
Red Speckled Cut Short	1.85	3.25	11.50
Scotia or Cornfield	1.75	3.00	11.00
Southern Prolific	2.00	3.50	12.50
Lazy Wife	2.00	3.50	12.50
Golden Cluster Wax	2.25	4.00	.....
McCaslan Pole	2.00	3.50	.....

**BEANS, POLE LIMA—Bu. 60 lbs.**

(Page 7)	4 Qts.	Pk.	Bu.
Carolina Sieve or Small Lima	\$1.85	\$3.50	\$13.00
King of Garden	2.00	3.50	13.00
Large White Lima	1.90	3.35	12.50
Schwill's Monstrous Lima	2.00	3.50	13.00
Calico or Irish	2.25	4.00	.....

**BEANS, BUSH LIMA—Bu. 60 lbs.**

(Page 7)	4 Qts.	Pk.	Bu.
Henderson's Bush	\$1.75	\$3.25	\$12.00
Burpee's Improved Bush	2.00	3.75	13.50
Fordhook Bush	2.00	3.75	14.00
Wood's Prolific	1.75	3.25	12.00

**CORN, GARDEN—(Pages 14 and 15)**

4 Qts.	Pk.	Bu.	
Extra Early Adams (bu. 56 lbs.)	\$ .75	\$1.25	\$4.00
Golden Bantam (bu. 45 lbs.)	.85	1.40	4.75
Golden Cream (bu. 45 lbs.)	.85	1.40	4.75
Early Minnesota (bu. 45 lbs.)	.85	1.40	4.75
Adam's Large Early (bu. 56 lbs.)	.75	1.25	4.00
Schwill's Improved Large Adams (56 lbs.)	.75	1.25	4.00
Schwill's Early Surprise (bu. 56 lbs.)	.65	1.10	3.75
County Gentleman (bu. 45 lbs.)	.85	1.35	4.75
Mammoth or Large Sugar (bu. 45 lbs.)	.85	1.40	4.75
Stowell's Evergreen (bu. 45 lbs.)	.75	1.35	4.75
White Evergreen (bu. 45 lbs.)	.90	1.40	4.75

**ONION SETS—Bu. 32 lbs. (Page 23)**

	4 Qts.	Pk.	Bu.
Yellow Danvers	\$ .50	\$ .85	\$2.85
Dark Red Wethersfield	.60	.90	3.00
White Silver Skin	.65	1.00	3.50
Yellow Potato	.75	1.25	4.75
White Multipliers	1.00	1.50	4.50

**SEED POTATOES—Bu. 60 lbs. (Page 28)**

	Pk.	Bu.	2½ Bu.
Red Triumphs, Northern Grown	\$ .75	\$2.00	\$4.50
Red Triumphs, Tennessee 2nd Crop	.....	Write for Prices	.....
Irish Cobbler	.75	2.00	4.50
Early Ohio	.75	2.00	4.50
Early Rose	.75	2.00	4.50
Peerless	.75	2.00	4.50
Lookout Mountain	.....	Write for Prices	.....

**SEED SWEET POTATOES—Bu. 45 lbs.**

(Page 28)	
Nancy Hall	.....
Bunch Yellow Yam	.....
Early Triumph Sweet Potato	.....
Gold Coin Bunch Yam	.....
Southern Queen	.....
Porto Rica Yam	.....
Florida Yam Sweet Potato	.....

WRITE  
FOR  
PRICES

**PEAS, GARDEN (Pages 26-27)**

	4 Qts.	Pk.	Bu.	
American Wonder	(Bu. 56 lb.)	\$1.60	\$2.75	\$10.50
Alaska	(Bu. 60 lb.)	1.50	2.50	8.75
Ameer, or Large Alaska	(Bu. 60 lb.)	1.60	2.75	10.00
First and Best	(Bu. 60 lb.)	1.50	2.75	9.50
Gradus, or Prosperity	(Bu. 56 lb.)	2.00	3.50	12.50
Prolific Early Market	(Bu. 60 lb.)	1.50	2.75	9.50
McLean's Little Gem	(Bu. 56 lb.)	1.60	2.75	10.00
Champion of England	(Bu. 56 lb.)	1.60	2.75	10.00
Large White Marrowfat	(Bu. 60 lb.)	1.25	2.50	8.00
Telephone	(Bu. 56 lb.)	1.75	3.25	10.50
Laxatonian	(Bu. 56 lb.)	1.60	2.75	10.50

**SEED CORN—White—Bu. 56 lb.**

(Pages 46 and 47)	Pk.	Bu.	2½ Bu.
Paymaster	\$ .90	\$3.00	\$7.25
Mosby's Prolific	.95	3.00	7.25
Schwill's Prize Medal	1.00	3.00	7.25
North Carolina White Prolific	.90	3.00	7.25
Schwill's Ninety Day Early White	.75	2.25	5.50
St. Charles White Red Cob	.75	2.25	5.50
Mexican June	.90	3.00	7.00
Tait's White Dent	1.00	3.00	7.25
Champion White Pearl	.75	2.25	5.50
Iowa Silver Mine	.75	2.25	5.50
Tennessee Red Cob, White	.90	3.00	7.25
Hickory King	.90	3.00	7.25
Schwill's Early Surprise	1.00	3.75	8.75
Large White Flint	1.00	3.50	8.50
Boone County White	.75	2.25	5.50

SCHWILL'S RE-SELECTED SPENCER SWEET PEAS

1924



OTTO SCHWILL & CO., MEMPHIS, TENN.